



The Fiscal Year 2018-2021 Transportation Improvement Program



The Area Plan Commission of Tippecanoe County

**20 North 3rd Street
Lafayette, IN 47901
www.tippecanoe.in.gov/apc**



Fiscal Year 2018 – 2021 Transportation Improvement Program

May 2017

Amended / Modified

June 28, 2017	December 14, 2017	June 14, 2018	February 25, 2019
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**Prepared by the
Area Plan Commission of Tippecanoe County**

In cooperation with the
CityBus
Purdue University Airport
Indiana Department of Transportation
City of Lafayette
City of West Lafayette
Tippecanoe County
Town of Battle Ground
Town of Dayton
Town of Clarks Hill
Federal Highway Administration
Federal Transit Administration

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Amendment No. 1, June 28, 2017

Requested by: City of West Lafayette and Tippecanoe County

Projects: Twyckenham Trail (des #1700401), Klondike Road (des #1173626) and Harrison Safety Improvements (des #1700407)

Details: This modification allocates additional federal funds from FY 2017 and 2018 due to the final 2017 Local Share of Federal Formula Apportionments. The additional funds will be used for the Twyckenham Trail (PE Phase) and for Klondike Road (RW phase). A small amount of STP funds was reallocated from the construction to right-of-way phase within the Klondike project.

Amendment No. 2, June 29, 2017

Requested by: INDOT

Projects: Twyckenham Trail (des #1700401), Klondike Road (des #1173626) and Harrison Safety Improvements (des #1700407)

Details: This modification changes how the additional FY 2017 federal funds are programmed as a result of the June 28th modification. The funds are to be shown as FY 2018 funds.

Amendment No. 3, July 6, 2017

Requested by: CityBus and Wabash Center

Projects: CityBus's Section 5310 (des #1700781) and Section 5339 (des #1382386) projects. Wabash Center's Section 5310 (des #1700782) project.

Details: This modification moves the three projects from Table 5, Unfunded Local Projects to Table 4, Funded Local Projects

Amendment No. 4, August 1, 2017

Requested by: Town of Battle Ground

Projects: North Street (des #1172413) and Harrison Safety Project (des #1700407) projects.

Details: This modification moved \$6,441 in HSIP funds from the Harrison Safety project to the North Street project. Additional funds were needed for a change order.

Amendment No. 5, August 11, 2017

Requested by: INDOT

Projects: I-65 and CR 725N bridge deck overlay project (des #1500644).

Details: This modification adds the preliminary engineering phase to the project. The total amount is \$62,500 with \$56,350 in NHPP Federal funds.

Amendment No. 6, September 13, 2017

Requested by: City of Lafayette

Projects: South Street (des # 1400566) and Harrison Safety Project (des #1700407) projects.

Details: This modification moved \$5,400 in HSIP funds from the Harrison project to the South Street project. Additional funds were needed for the final quantity adjustments.

Amendment No. 7, September 14, 2017

Requested by: INDOT

Projects: Three stateside projects (des #1600463, 1600479 & 1701469).

Details: This modification added two on-call pavement design and one on-call geotechnical projects.

Amendment No. 8, October 6, 2017

Requested by: City of West Lafayette

Projects: Sagamore Parkway Trail (des #1401287), Happy Hollow Neighborhood Trail (des #1401288) and Soldiers Home Road, Ph. 1 (des #1401291)

Details: This modification adjusts the funding and timing of all three West Lafayette projects. It also changes the portion of STBG and STBG PYB funds for the Yeager Road project.

Amendment No. 9, October 12, 2017

Requested by: INDOT

Projects: Fifteen projects on SR 25, SR 26, SR 38, SR 225, US 52 and I-65.

Details: This amendment adds the preliminary engineering phase for all of the projects and the construction phase to two of them (SR 25). All of the projects are maintenance related and use Federal funds.

Amendment No. 10, October 20, 2017

Requested by: APC Staff

Projects: Sagamore Parkway Trail (des #1401287), Happy Hollow Neighborhood Trail (des #1401288) and Soldiers Home Road, Ph. 1 (des #1401291)

Details: This modification withdraws the October 6, 2017 TIP modification due to several discrepancies found when processing the October 12, 2017 TIP amendment.

Amendment No. 11, October 12, 2017

Requested by: APC Staff and Tippecanoe County

Projects: STBP, HSIP and TA apportionments updated and CR 50W at CR 500N Intersection (des #1702333) and Harrison Safety Improvement projects.

Details: This amendment updates the local federal apportionments to reflect INDOT's draft FY '18 allocations. It also adds a new intersection improvement project and reschedules the Harrison safety project.

Amendment No. 12, October 20, 2017

Requested by: APC Staff

Projects: Sagamore Parkway Trail (des #1401287), Happy Hollow Neighborhood Trail (des #1401288) and Soldiers Home Road, Ph. 1 (des #1401291)

Details: This modification correctly allocates the STBG, STBG PYB and TA funds.

Amendment No. 13, November 9, 2017 & December 14, 2017

Requested by: INDOT

Projects: Projects on SR 38 and US 52

Details: This amendment adds preliminary engineering to two bridge thin overlay deck projects on SR 38 (des #'s 1602057 and 1601997) and adds a new traffic signal project on US 52 (des # 1702292). The resolution was amended to include federal funds for the new traffic signal at Tate & Lyle during the December meeting.

Amendment No. 14, December 14, 2017

Requested by: INDOT & City of Lafayette

Projects: Statewide Police Enforcement and Star City Trail

Details: This amendment adds a two-year police enforcement project at various construction locations throughout the state. It also moves the Star City Trail project from the funded to unfunded table and the des number and funding are removed.

Amendment No. 15, January 11, 2018

Requested by: INDOT

Projects: Twenty-two projects on SR 25, SR 26, SR 38, SR 43, US 52, US 231 and I-65.

Details: This amendment adds six new projects, adds or modifies project information for fourteen projects and deletes two projects.

Amendment No. 16, January 11, 2018

Requested by: CityBus

Projects: CY 2018 operating, capital and planning list of projects.

Details: This amendment increases the amount of funding for operating the transit system, modifies seven capital projects, adds two new capital projects, modifies one planning project and adds another new planning project.

Amendment No. 17, January 16, 2018

Requested by: Tippecanoe County

Projects: Klondike Road, Lindberg Road, trading federal funds with NIRPC, Cherry Lane Extension, Yeager Road, County Farm Road, McCutcheon Ped Safety, Concord Road, and Morehouse Road.

Details: This modification adds \$1.2 million in STBG fund from the NIRPC MPO which will be paid back in FY 2019. It also adds the funding from Lindberg Road (FY '19) to Klondike Road and the construction funding for Yeager Road has been reallocated to Lindberg Road (FY 2021) construction. Yeager Road construction has been moved to an out year. Funding for the County Farm Road intersection project has been flexed back to HSIP funds (FY '18) and allocated to the McCutcheon and Concord Road projects. One of the project end points for the Morehouse Road project has changed.

Amendment No. 18, January 24, 2018

Requested by: APC Staff

Projects: North Street (des #1172413) and Klondike Road (des #1173626) projects.

Details: This modification moved \$6,441 in STBG funds from the North Street project to the construction phase of the Klondike Road project.

Amendment No. 19, February 16, 2018

Requested by: Tippecanoe County

Projects: Concord Road (des #1401282) and River Road (des #1401279) projects.

Details: This modification moved \$50,004 in FY 2018 HSIP funds from the Concord Road project to the right-of-way phase of the River Road project.

Amendment No. 20, February 20, 2018

Requested by: APC Staff

Projects: Park East Boulevard (des #1700405), Morehouse Road (des #1401280), Concord Road (des #1401282), River Road (des #1401279), County Farm Road (des #1702333), McCutcheon Ped Safety (des #1601028), Harrison Safety (des #1700407), Lindberg Road (des #1173627) and Yeager Road (des #1401281).

Details: This modification adjusts the FY 2019 PYB funding allocation, updates all of the local out year federal funding allocation and adds the FY 2022 allocations. The FY 2022 allocations are shown for information purposes only.

Amendment No. 21, March 8, 2018

Requested by: INDOT & Wabash Center

Projects: US 52 (des # 1592842) and Van Replacement

Details: This amendment adds federal and state funding for railroad flagging to the US 52 project. The van replacement project is for three vans and is programmed in Table 5 since the federal funds have not yet been awarded.

Amendment No. 22, March 28, 2018

Requested by: APC Staff & Tippecanoe County

Projects: Klondike Road (des #1173626), River Road (des #1401279), South Street (des #1400566) and Twyckenham Trail (des #1700401).

Details: This modification updates the annual allocations sharing agreement amounts and flexes additional HSIP funds to STBG. The residual HSIP balance is added to the River Road project. The balances from the South Street and Twyckenham Trail projects are added to the Klondike project.

Amendment No. 23, April 9, 2018

Requested by: APC Staff

Projects: Klondike Road (des #1173626)

Details: This modification adds \$40,913 in STP PYB funds to the Klondike Road project.

Amendment No. 24, April 12, 2018

Requested by: INDOT

Projects: Twenty-seven projects on SR 25, SR 26, SR 38, SR 43, US 52, US 231 and I-65.

Details: This amendment adds 23 new projects and modifies four.

Amendment No. 25, May 14, 2018

Requested by: Wabash Center

Projects: Section 5310 van replacement project.

Details: This modification moves the project from Table 5 to Table 4.

Amendment No. 26, June 14, 2018

Requested by: CityBus

Projects: Section 5339 pedestrian and bicycle detection system project.

Details: This amendment adds a new project which involves the purchase and installation of a detection system for the entire fleet of fixed route buses.

Amendment No. 27, June 14, 2018

Requested by: INDOT

Projects: Numerous projects on SR 26, SR 28, SR 38, SR 43, SR 225, US 231 and I-65.

Details: This amendment adds six new projects and modifies numerous projects that are already programmed.

Amendment No. 28, August 3, 2018

Requested by: Tippecanoe County

Projects: County Bridge Inspection program.

Details: This modification changes the des number and updates the costs of Phase 1, Phase 1A and Interim 1.

Amendment No. 29, August 9, 2018

Requested by: INDOT

Projects: Numerous projects on SR 25, SR 28, SR 38, US 52, US 231 and I-65.

Details: This amendment adds six new projects and updates sixteen projects that are already programmed.

Amendment No. 30, August 10, 2018

Requested by: Tippecanoe County

Projects: River Road at River Bend Hospital

Details: This modification adds \$159,800 in FY '19 STBG funds to the construction phase. The funds are coming from the Concord Road project.

Amendment No. 31, November 8, 2018

Requested by: INDOT

Projects: Various projects on SR 25, SR 26, SR 28, SR 43, US 52, SR 225, US 231 and I-65.

Details: This amendment adds three new projects and modifies numerous projects that are already programmed.

Amendment No. 32, January 10, 2019

Requested by: City of West Lafayette

Projects: Cherry Lane Extension

Details: This modification moves \$25,546 in STBG funds from the construction phase to the preliminary engineering phase for USFWS bat mitigation.

Amendment No. 33, January 10, 2019

Requested by: INDOT

Projects: Various projects on SR 26, SR 43, US 231, I-65 and various locations.

Details: This amendment modifies various project in the TIP and adds five new ones.

Amendment No. 34, January 24, 2019

Requested by: City of Lafayette

Projects: Park East Boulevard

Details: This modification reallocates \$49,000 in STBG funds from the Twyckenham Boulevard project to the Park East Boulevard project.

Amendment No. 35, January 25, 2019

Requested by: Tippecanoe County

Projects: North River Road and Klondike Road

Details: This modification reallocates FY 2019 federal funds from the Yeager Road project to the North River Road at River Bend and Klondike Road projects.

Amendment No. 36, February 14, 2019

Requested by: City of Lafayette

Projects: Concord Road

Details: This amendment programs a new project involving trail lighting along Concord Road.

Amendment No. 37, February 21, 2019

Requested by: Tippecanoe County

Projects: North River Road and Klondike Road

Details: This modification programs unallocated TA funds to the Klondike Road project. It also reallocates FY 2019 STBG federal funds from the Cherry Lane Extension project to the North River Road at River Bend and Klondike Road projects, CN phases.

Amendment No. 38, February 25, 2019

Requested by: City of Lafayette

Projects: Park East Boulevard

Details: This modification reallocates FY 2019 STBG federal funds from the Cherry Lane Extension project to the Park East project, PE phase.

Amendment No. 39, March 14, 2019

Requested by: INDOT

Project: Statewide on-call project

Details: This amendment adds an on-call consultant review project to the TIP.

Amendment No. 40, March 18, 2019

Requested by: Tippecanoe County

Projects: McCutcheon Ped Safety

Details: This modification adds \$110,593 in unallocated HSIP funds to the project due to a scope change and for right-of-way services.

Amendment No. 41, April 4, 2019

Requested by: Tippecanoe County

Projects: North River Road at River Bend Hospital

Details: This modification adds \$160 in unallocated STBG funds for a change order.

Amendment No. 42, April 11, 2019

Requested by: INDOT

Projects: Various projects on SR 26, SR 38, US 52, SR 225 and I-65.

Details: This amendment adds seven new projects.

Amendment No. 43, April 22, 2019

Requested by: Tippecanoe County

Projects: Klondike Road

Details: This modification flexes \$151,843 in HSIP and HSIP PYB funds to STBG and STBG PYB funds for three change orders.

Amendment No. 44, April 24, 2019

Requested by: City of Lafayette

Projects: Concord Road Trail Lighting

Details: This modification reallocates \$37,400 in STBG funds from the Cherry Lane Extension project for preliminary engineering.

Amendment No. 45, April 26, 2019

Requested by: Evansville MPO

Details: This modification allocates HSIP PYB, STBG PYB and STBG funds in the amount of \$616,478 in a funding trade with the Evansville MPO. The funds are to be repaid back in FY 2025

Amendment No. 46, April 30, 2019

Requested by: Tippecanoe County

Projects: Yeager Road

Details: This modification adds \$43,760 in STBG funds for additional PE.

Amendment No. 47, June 13, 2019

Requested by: CityBus

Projects: Program Section 5310 and 5339 projects.

Details: This amendment adds a bus replacement and bus equipment projects (Section 5339 funds) and a paratransit bus replacement, travel training and extending route service (2A/2B) in the evening projects (Section 5310 funds).

Amendment No. 48, June 13, 2019

Requested by: APC

Projects: Sidewalk improvements, bus shelters, ADA facilities, and other transit related infrastructure.

Details: This modification reflects the Memorandum of Agreement between CityBus and APC. FY 2019 STBG funds are transferred to CityBus.

Executive Summary

The Transportation Improvement Program (TIP) is a capital improvement plan that coordinates the implementation of all transportation projects within Tippecanoe County. It includes projects receiving funds from the U.S. Department of Transportation and those funded solely with local revenue. The time period covered by this TIP is four years: Fiscal Years 2018 through 2021. The 2018 State fiscal year begins on July 1st, 2017.

The Fixing America's Surface Transportation Act (FAST Act) was signed into law on December 4, 2015. The Act requires all Metropolitan Planning Organizations (MPOs) to develop a TIP. It further states that the TIP shall be developed in cooperation with the State and public transportation operators and it must be developed through a performance-driven, outcome based approach to planning for metropolitan areas of the State. The process for developing the TIP shall provide for consideration of all modes of transportation and shall be continuing, cooperative and comprehensive to the degree appropriate, based on the complexity of the transportation problems to be addressed. This TIP complies with the requirements set forth under the FAST Act.

The TIP is a multi-modal budgeting tool that specifies an implementation timetable, funding sources, and responsible agencies for transportation projects. Projects are advanced by all of the following nine implementing agencies:

- The City of Lafayette
- The City of West Lafayette
- Tippecanoe County
- The Town of Dayton
- The Town of Battle Ground
- The Town of Clarks Hill
- The Greater Lafayette Public Transportation Corporation (CityBus)
- The Purdue University Airport
- The Indiana Department of Transportation

The proposed projects address anticipated future problems as well as respond to ever changing conditions. Some projects are selected in response to needs documented in the various long-range plans, while other projects address emerging situations needing attention. The TIP provides local governments with a comprehensive funding plan for transportation improvements for the next four years.

Over \$363 million is programmed over the next four years with the majority (61%) being locally initiated projects. This community proposes to spend over \$222.3 million for locally initiated projects and benefit from over \$140.7 million in State initiated projects between FY 2018 and FY 2021. The Federal share for these projects is just over \$179.0 million (\$63.7 million and \$115.3 million respectively). The complete Four-Year Program of Projects is listed in **Tables 4** through **7**. Maps showing project locations are in **Figures 1** through **4**. Those projects in **Tables 5** and **7** are included for informational purposes only.

For FY 2018, local jurisdictions requested over \$17.2 million in Federal Funds. These funds will be used to reconstruct roads, improve intersections, construct trails, operating and capital transit projects, and an airport project. These projects are shown in **Table 4, Funded Local Projects**.

All federally funded projects in the TIP are limited by the funds available at all levels of government (local, state, and federal). These projects are the most pressing but in no way reflect all the community's transportation needs. The TIP development process assures that limited funds are used where the need is greatest.

This report is divided into twelve sections. Section one explains the public and private participation process. Section two documents the Environmental Justice process. The next section reviews the status of all the governmental ADA transition plans within the planning area. Section four summarizes early environmental reports, or Red Flag Investigations, for local projects in the TIP. The process for selecting projects comprises the fifth section. The sixth section contains the Four-Year Program of Projects for the metropolitan area and is listed by fiscal year and phase. Section seven provides a financial summary and multi-year investment plan. Section eight explains how prioritized projects were selected. The FAST Act requires projects to be selected based on performance measures. A discussion of the performance measures used in project selection is reviewed in section nine. Section ten provides an analysis of the financial capacity of CityBus. A short discussion of the progress of both local and INDOT projects over the past year is covered in the eleventh section. Section twelve reviews Intelligent Transportation Systems (ITS) characteristics of local projects. A summary of public responses to the proposed TIP are in **Appendix 5**.

The FAST Act requires all Metropolitan Planning Organizations to publish an annual listing of projects for which federal funds have been obligated in the preceding year. This information is covered in a separate more detailed report, the Annual Listing of Projects, Fiscal Year 2016, which is available at the APC office and on the APC web site.

1. *Public / Private Participation Process*

The FAST Act requires all Metropolitan Planning Organizations to provide stakeholders a reasonable opportunity to comment on the TIP and the proposed projects. This includes providing: adequate public notice, timely information to various organizations, reasonable public access to technical and policy information, and seeking out and considering the needs of those traditionally underserved. The process must involve citizens, freight shippers, traffic, safety, and enforcement officials, private transportation providers, representatives of users of public transit, and local elected officials.

In response to the FAST Act, the Area Plan Commission of Tippecanoe County has a proactive participation process. The main source of public input is through the Policy Board and its advisory committees. Notification of committee meetings and other important information is given by personal contacts, publication of legal notices, and posting notices in public places. Personal contacts include notifying by letter representatives from the trucking industry, freight transportation services in the area, railroads, bicycle clubs, minority groups, local private transportation providers, neighborhood organizations, users of public transit, and Citizen Participation Committee members.

Policy Board and Advisory Committees

The public, stakeholder organizations, business representatives and government officials have the opportunity to participate in the development of the TIP through the Policy Board and its advisory Committees: the Technical Transportation Committee and the Citizen Participation Committee. The committees are an integral part of the planning process and advise the Policy Board on planning matters. The public is encouraged to attend all committee meetings and an opportunity to speak is provided at each.

Policy Board

The Policy Board is comprised of the chief elected officials from the Cities of Lafayette, West Lafayette, and Tippecanoe County. Members also include representatives from INDOT and CityBus. Members of this committee ultimately make financial commitments to implement TIP projects. Meetings are held on the second Thursday of every month and agendas are posted as provided by law and sent to the media a week prior to meetings.

Technical Transportation Committee

The Technical Transportation Committee (TTC) draws from the advice and knowledge of various local, state, and federal government engineers and planners, traffic officers, and transit and airport operators. Members have important responsibilities for designing, operating, and maintaining the transportation system. This group makes recommendations to the Policy Board on TIP development, project prioritization, and amendments. The public is also asked to provide input and suggestions. The TTC meets on the third Wednesday afternoon of each month. Agendas are posted and sent to the media a week prior to meetings.

Citizen Participation Committee

The Citizen Participation Committee (CPC) is a broad-based, grassroots committee of citizens. They provide a link for disseminating information to nearly 40 organizations in the Greater Lafayette area. In addition to providing information, the meetings allow for group representatives to give feedback on topics from previous meetings. The meetings are scheduled bimonthly and are held on the 4th Tuesday of the month. Agendas are mailed to all representatives and sent to the media one to two weeks prior to the meeting.

Area Plan Commission

The Area Plan Commission of Tippecanoe County (APC) is designated by the Governor as the Metropolitan Planning Organization for the Lafayette, Indiana metropolitan area. APC is responsible for transportation planning and directs federally funded projects and programs within the Metropolitan Planning Area. Meetings are held on the third Wednesday evening of each month. The APC does not approve the TIP and only approves transportation plans if the plan is to become part of Tippecanoe County's Comprehensive Plan.

For this TIP, information regarding the document was presented at the January and March CPC meetings. During the first meeting, the process used to develop the TIP, and the list of projects were presented and discussed. The priorities recommended by the TTC and the draft document were presented and discussed at the March meeting. All comments and questions from participants can be found in **Appendix 5**. The March meeting notification letter stated that the draft document was available on the APC transportation web site. The March CPC meeting was also the formal public hearing.

Notices

The public participation process included posting public notices (in English and Spanish) at the following key locations: Lafayette and West Lafayette City Halls, the County Office Building, West Lafayette Community Center, the Tippecanoe County Senior Center, CityBus administration building and Downtown Transfer Center, the West Lafayette Public Library, the Tippecanoe County Public Library branches (downtown, Wyandotte and Lindberg campuses), IVY Tech, Harrison College and at the Hanna Center. Notices in Spanish were posted at Mama Ines Bakery, Mama Ines Bakery South, Del Real Auto Sales, Manalo Auto Sales, Jalisco Grocery and Rodriguez Law P.C.

Three notices were posted during the development of this TIP. The first notice stated that the draft TIP was being developed and when the TTC would review and prioritize local projects requesting federal funds. The second notice informed the public when the public meeting would be held. The third notice stated that the draft document was completed, how to obtain a copy, and when the TIP would be considered and possibly adopted by the Policy Board. The first notice was posted more than 90 days before adoption of the document.

Two legal advertisements were published in each local newspaper, one daily and one weekly, concerning the: TIP development process, project lists, prioritization and adoption of the TIP. The first notice announced that the TIP was in development and when the Technical Transportation Committee would review and prioritize local projects requesting federal funds. The second advertisement stated when the Policy Board would discuss the TIP and

act on its adoption. All notices provided an invitation to inspect the draft TIP and all pertinent material.

One press release was issued before the formal public hearing. It invited the general public to the meeting and also stated that the draft document was available on the APC transportation web site or at the APC offices. The press release was sent to ten news organizations.

Three letters were mailed to stakeholders before TIP adoption. The first letter was sent more than 90 days prior to adoption and included: a basic introduction, the content of the TIP, and how projects receive federal funds. It also stated when the TTC would review and prioritize local projects requesting federal funds. As an additional opportunity to provide information and receive comments, the letters included the address, email, and phone number of a staff contact person.

The second letter notified when the public hearing would be held. It included a link to the APC web page where the draft TIP is available. It provided additional information about the TIP and stated that the draft document was complete and available for review either via the internet or upon request. The date, time and location of the Policy Board meeting to discuss and possibly adopt the TIP were also provided. The letter included a staff contact name, phone number and address.

The third letter announced the date, time and location when the Policy Board would discuss and possibly adopt the document.

If significant differences existed between the TIP reviewed by the public and the TIP proposed for adoption, an additional public meeting would have been held. That was not necessary for this TIP. During the development process, all comments and questions received are noted in **Appendix 5**.

The Federal Transit Administration requires the MPO to institute a process that encourages participation of private enterprises in developing plans and programs funded by the Federal Transit Administration. The process incorporates an early notice by letter to private transportation providers of proposed public sector transit service as well as an opportunity to review and comment on the TIP prior to Technical and Policy Board adoption.

Prior to TIP development, staff compiles a list of private transportation providers in the community. The list is generated from the APC's clipping file, the telephone directory, the internet and the Polk City Directory. Phone contact is then made to ensure that the operator: 1) is still in business, 2) that staff has the correct address and name of the general manager or owner, and 3) that the operator does in fact provide transportation services. The aforementioned letters notify these providers that the Area Plan Commission is developing the TIP, when projects will be prioritized, and when the TIP will be adopted. They were also directed to the APC web site if they were interested in the lists of local and INDOT projects.

On April 4th, Health by Design notified its constituents that the draft document was available for review and comment. An email link to the TIP web page was provided.

2. Environmental Justice

Environmental Justice is a vital component of the TIP and it amplifies and strengthens Title VI of the Civil Rights Act of 1964. Environmental Justice assures that minorities and persons of low income are considered in programming and funding the projects shown in this document. Transportation improvements must not disproportionately impact those sectors of the Community.

Environmental Justice encompasses three principles. The first is to avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority and low-income populations. The second is to ensure the full and fair participation by all those potentially affected in the transportation decision-making process. The third is to prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority and low-income populations.

All new, reconstruction, and added travel lane projects requesting federal funds in this TIP were reviewed using APC's Environment Justice Evaluation Process. Projects were compared to those identified in the **2040 Metropolitan Transportation Plan, Completing Our Streets (2040 MTP)** and the **FY 2016-2019 Transportation Improvement Program**. If a project is shown in either as having a possible negative impact, it is listed below. New projects that have not been previously reviewed go through the evaluation process. The first step, a macro review, determines if the project is located in areas with concentrations of minority groups and/or low-income populations. If the project is found to be in or near an area, a micro review is conducted that evaluates the project according to nine concerns: displacement of residents; increase in noise and air pollution; creation of barriers in neighborhoods; destruction of natural habitat; reduction in access to transit; reduced access to walkways, displacement of persons, businesses, farms, nonprofit organizations; increase in traffic congestion; and isolation.

Projects with Possible Findings

Local Projects:

Klondike Road,	Happy Hollow Neighborhood Trail,
Lindberg Road,	Soldiers Home Road Phase 1,
Cherry Lane Extension,	Yeager Road (Tip. Co.),
Morehouse Road,	
Park East Boulevard,	

INDOT Projects:

Old SR 443, bridge over Sagamore Parkway (Old US 52), and
US 52, 0.21 to 3.21 miles east of US 231

To assure opportunity for full participation by persons potentially affected, staff uses local community organizations and groups as the communication conduit. This follows recommendations in the US DOT manual entitled Public Involvement Techniques for Transportation Decision-Making. The Citizen Participation Committee includes most of these organizations and groups plus neighborhood organizations.

3. Americans with Disabilities Act Project Review

FHWA's regulatory responsibility under Title II of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 (504) require that recipients of Federal aid, either State or local entities that are responsible for roadways and pedestrian facilities, do not discriminate on the basis of disability in any highway transportation program, activity, service or benefit they provide to the general public. The State and local entities must ensure that people with disabilities have equitable opportunities to use the public right-of-way system.

ADA and Section 504 requires states and local governments, with 50 or more employees, to develop a Transition Plan which is intended to identify system needs and integrate them with the planning process. The transition plan and its identified needs must be fully integrated into the TIP. Agencies must incorporate accessibility improvements into the transportation program on an ongoing basis in a variety of ways.

MPOs are to ensure that local public agencies with projects in the TIP have provided the status of their ADA Transition Plan to the MPO. The MPO must report completion status to FHWA and INDOT. **Table 1** summarizes the status of all Local Public Agency (LPA) transition plans.

Table 1: Status of LPA and INDOT ADA Transition Plans

LPA	Status of Transition Plan	Adoption Date
Tippecanoe County	Adopted	December 17, 2012
City of Lafayette	Adopted	January 8, 2013
City of West Lafayette	Adopted	UPDATE March 14, 2014
Town of Battle Ground	Adopted	December 18, 2012
Town of Clarks Hill	Adopted	December 10, 2012
Town of Dayton	Adopted	December 3, 2012
INDOT	Updated	December 3, 2012
		February 15, 2013

Through the "Call for Projects", all LPAs were asked if their proposed projects meet ADA requirements. All local projects that are shown in this TIP are being designed to meet PROWAG standards.

CityBus has submitted the required ADA self-certification as part of their annual certification. The operating assistance being requested in this TIP will be used to continue the paratransit service.

4. Red Flag Investigations and Review

Any state or local government project that receives federal funds must consider potential consequences and impacts to the social and natural environment. This requirement became law when enacted by the US Congress on January 1, 1970 and it is known as the National Environmental Policy Act (NEPA).

To help in considering environmental issues early in the transportation planning process, as well as shorten the time to complete a project, the Federal Highway Administration encouraged MPOs to conduct Red Flag investigations (RFI) for all local projects that may use federal funds. Each RFI evaluates a projects potential impact on infrastructure, water resources, mining/mineral exploration, hazmat, ecological information, and cultural resources within a ½ mile radius of the proposed project. Any and all concerns are documented in the analysis.

In developing this TIP, MPO staff performed red flag investigations for all of the new projects in which preliminary engineering has not yet started. They are shown in **Table 2**.

Table 2: Red Flag Investigations

Project	Location	Jurisdiction
McCutcheon Safety	Old 231 from Wea Creek to CR 550S and CR 500S from Sage Street to Old US 231	Tippecanoe Co.
Harrison Safety	CR 50W from Sinclair Drive to CR 500N and CR 600N from CR 150W to Augusta Boulevard.	Tippecanoe Co.
Park East Boulevard	South of Haggerty to SR 38	Lafayette
Solders Home Rd, Ph 1	Sagamore Parkway to Kalberer Road	West Lafayette

Each report includes a short narrative, an individual summary for each of the six factors, a recommendation section and maps. The analysis uses INDOT's data supplemented with local GIS databases and compares individual overlays of each of the six factors to the project location and area. **Table 3** shows the number of recommendations and the type of possible environmental concern.

Table 3: Red Flag Investigation Recommendations

Project	Number of Recommendations	Recommendations					
		IN	WR	M	HC	EI	CR
McCutcheon Safety	3	✓	✓			✓	
Harrison Safety	4	✓	✓		✓	✓	
Park East Boulevard	0						
Soldiers Home Rd, Ph. 1	4	✓	✓		✓	✓	

*Recommendation Codes: Infrastructure (IN), Water Resources (WR),
Mining/Mineral Exploration (M), Hazmat Concerns (HC),
Ecological Information (EI) and Cultural Resources (CR)*

In reviewing the individual reports, the most prevalent recommendation is coordination with other agencies whether it's related to underground infrastructure, railroads, flood plains, wetlands, and drainage ponds. Individual agencies have been identified who need to be involved in the more detailed environmental analysis. The individual RFI reports are not included in this document but are available at the Area Plan Commission office.

5. Project Selection Process

The project selection process in developing this TIP differs slightly from the one used in the past. Local projects seeking federal funds were selected through the creation of the Five-Year Production Schedule. All other projects, both local and state, followed the standardized selection process which began in December. Project identification, review and selection procedures are as follows:

1. Projects are submitted by the local agencies that are listed in the Executive Summary.
2. Projects are reviewed and assembled by the MPO staff.
3. The first public notice is given which includes mailing, contact letters and legal ads in two local newspapers as outlined in the Public/Private Participation Process. The notice states the meeting time and date when the Technical Transportation Committee will review, discuss and allocate the local federal funds and recommend which INDOT projects are a priority to this community.
4. The Technical Transportation Committee reviewed, discussed and prioritized the local projects requesting federal funds and INDOT projects.
5. The draft TIP is developed and then made available for review and comment on the APC transportation web page.
6. The draft TIP is submitted to INDOT, FHWA and FTA for review.
7. Transit projects are endorsed by the Board of Directors of CityBus.
8. A second public notice is posted and a letter notifies when the public hearing will be held.
9. The draft document is presented at the March CPC meeting. Members are informed when the document will be reviewed and possibly adopted by the Policy Board. The March CPC meeting is also the formal public hearing.
10. The draft TIP is reviewed and endorsed by the Technical Transportation Committee.
11. A third public notice is distributed notifying citizens that a draft document has been developed along with the date and time when the Policy Board will review and possibly adopt the TIP.
11. The Policy Board reviews and approves the draft TIP by resolution.
12. If the final TIP differs significantly from the one made available for public comment, an additional opportunity for public comment is scheduled.
13. The adopted TIP is submitted to: INDOT, FHWA, FTA and the local participating agencies.

The Policy Board, at its May 11, 2017 meeting, adopted the FY 2018-2021 Transportation Improvement Program with the concurrence of the CityBus Board of Directors (March 22, 2017) for the transit portion. The TTC, PB, CPC, and Board of Directors meetings comply with open door requirements. Notification to news media, posting notices and agendas all occurred in advance of these meetings.

6. *The Four-Year Program of Projects*

The Four-Year Program of Projects is required to include all projects that will use financial assistance from the US Department of Transportation. Most of the projects listed in this section use State and or Federal funds. The program also includes all significant non-federally funded projects, whether state or locally initiated. Non-financially constrained projects (not yet fully funded), both local and state, are also shown but in separate exhibits. They are shown for informational purposes only and as a reference of future projects.

All local projects are listed in **Tables 4** and **5** with their locations shown in **Figures 1** and **2**. **Tables 6** and **7** and **Figures 3** and **4** show all state projects. A summary of the funding sources for the locally initiated projects is in **Table 25**. Projects for which Surface Transportation Block Group (STBG) II funds will be used and their amounts are listed by fiscal years in **Tables 8** through **12**.

The Four-Year Program of Projects contemplates a total transportation budget of over \$363.0 million for the four-year period. In FY 2018, over \$120.6 million is programmed for both local and state projects in the community. The U.S. Department of Transportation's share of the cost is over \$40.6 million with locally initiated projects programmed for \$17.2 million and state projects programmed for \$23.3 million. The cost for individual projects and their federal, state, and local amounts are found in **Tables 4, 5, 6** and **7**. Project cost estimates reflect year of expenditure dollars.

Key to Abbreviations

ADA - Americans with Disabilities Act

AIP - Airport Improvement Plan

APC - Area Plan Commission of Tippecanoe County

ARRA - The American Recovery and Reinvestment Act of 2009

AVL - Advanced Vehicle Location System.

COIT - County Option Income Tax

CPC - Citizen Participation Committee

DES NO - Designation Number. These are project numbers used by the Indiana Department of Transportation and the Federal Highway Administration.

FAST ACT – Fixing America’s Surface Transportation Act

FEDERAL SHARE (FED) - The amount of funds the USDOT will match for the project.

FFY - Federal Fiscal Year. The Federal Fiscal year begins on October 1st.

FHWA - Federal Highway Administration

FUND TYPE - This identifies the source of funding.

FRA - Federal Railroad Administration

FTA - Federal Transit Administration

FY or Fiscal Year -The State fiscal year. Fiscal Year 2018 begins on July 1st, 2017 and ends on June 30th, 2018.

GLPTC - Greater Lafayette Public Transportation Corporation (a.k.a. CityBus)

IDEM - Indiana Department of Environmental Management

INDOT - Indiana Department of Transportation

KB&S - Kankakee Beaverville & Southern Railroad

LOCATION & PROJECT TYPE - Specifies the project, where it is located, its general termini and a short description of the project. More complete project information can be obtained from the FA-3 form.

LPA - Local Public Agency. A local government body (i.e. City of Lafayette, West Lafayette, or Tippecanoe County) eligible to receive USDOT funding

MAP 21 - Moving Ahead for Progress in the 21st Century

MPO - Metropolitan Planning Organization

NS - Norfolk Southern Railroad

PHASE (Ph) - Road projects are broken down into implementation stages. The definition of the stages and the abbreviations are as follows:

PE or Preliminary Engineering is the initial phase of a project and includes planning, environmental, engineering, and design activities.

RW or Right-of-Way is the next phase (if needed) and involves obtaining the necessary land for the project and includes right-of-way engineering.

CN or Construction is the final stage when construction is performed and often includes construction engineering/supervision.

Other projects proposed by LPAs, the Purdue University Airport and transit systems may include:

ST or Study

OP or Operating Assistance

CA or Capital Assistance

EQ or Equipment

IN or Inspection

ED or Education Program

PN or MPO Planning

PMTF - Public Mass Transportation Funds. These funds are generated through revenues raised from the State sales tax.

PB - Policy Board

PYB - Prior Year Balance. These federal funds are the agreed to balance of SAFETEA-LU and MAP-21 funds created under INDOT's federal funding policy.

SMRF Funds - State Matching Regulatory Funds

STBG - Surface Transportation Block Group funds. These funds are dedicated in the FAST Act and divided into sixteen different categories. Each category specifies where and how they can be spent. Several categories include: Urban, Rural, Recreational Trails, and Transportation Alternatives. Urban funds are dedicated funds for cities with a population over 200,000 and between 50,000 to 200,000 persons.

TCCA - Tippecanoe County Council on Aging

TDP - Transit Development Plan

TFP - Thoroughfare Plan

TIF - Tax Increment Financing

TIP - Transportation Improvement Program

MTP - Metropolitan Transportation Plan for 2040

TTC - Technical Transportation Committee

UAB - Urban Area Boundary

USDOT - United States Department of Transportation

Funding Codes

Federal Funds:

AIP	Airport Improvement Program
BRIS	Bridge Inspection Funds
BR	Bridge Funds
FF	Federal Funds Not Specified
FLAP	Federal Lands Access Program
HPP	High Priority Projects Program Funds (SAFETEA-LU)
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
INTERSTATE	MAP 21 Interstate Funds
NHS	National Highway System
NHPP	National Highway Performance Program
PL	Federal Metropolitan Planning Funds
PNRS	Projects of National and Regional Significance
S7C	Capital Assistance Grant, Section 5307 FTA Funds
S7O	Operating Assistance Grant, Section 5307 FTA Funds
S7P	Planning Assistance Grant, Section 5307 FTA Funds
S9C	Capital Assistance Grant, Section 5309 FTA Funds
S10	Capital Assistance Grant, Section 5310 FTA Funds
S16	Section 5316, Job Access & Reverse Commute (JARC)
S17	Section 5317, New Freedom funds
S39C	Capital Assistance Grant, Section 5339 FTA Funds
STBG	Surface Transportation Block Grant Program
RHC	Railway-Highway Crossing Funds
TA	Transportation Alternatives Set Aside Funds

Local Funds:

L1	County Option Income Tax (COIT)
L2	Cumulative Bridge Funds (CBF)
L3	Cumulative Capital Funds (CCF)
L4	Economic Development Income Tax (EDIT)
L5	General Funds (GF)
L6	Greater Lafayette Community Foundation (GLCF)
L7	General Obligation Bonds (GOB)
L8	Wheel Tax
L9	Local Road and Street Funds (LR&S)
L10	Local Property Tax (LPT)
L11	Revenue Bond Funds (RBF)
L13	Tax Increment Financing (TIF)
L14	Developer Escrow Account (DEA)
L15	Purdue University Funds (PUF)
L16	Motor Vehicle Highway Account (MVHA)
L17	Combination of Local Funds (CLF)
L18	Fares, Passes and Tokens (FPT)

Table 4: Funded Local Projects: Fiscal Years 2018 through 2021

Project Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
City of Lafayette						
1 Bike/Ped Safety Education Des # 1601000	ED	STBG PYB	30,000	7,500	37,500	2018
2 Concord Road, Des # 1900477 Maple Point Ext to Veterans Mem. Trail Lighting	PE RW CN	STBG	92,400	23,100	115,500	2019
3 Park East Boulevard Extension Des # 1700405 Haggerty Lane to SR 38 New Road Construction	PE PE RW CN	STBG PYB,L2,13 STBG STBG PYB,L2,13 STBG,L2,13	251,500 85,386 108,000 1,555,200	84,222 27,000 388,800	421,108 135,000 1,944,000	2019 2020 2021
4 South Street, Des # 1400566 At Scott & Park Streets Pedestrian Crossing Improvement	CN	HSIP,L3,4,13	4,778	531	5,309	2018
5 Twyckenham Blvd., Des#1401285 Poland Hill Rd. to S. 9 th St. Road Reconstruction	PE RW CN	STBG PYB,L2,13 STBG, L2,13	151,000 2,939,731	37,750 734,933	188,750 3,674,664	2019 2020
6 Twyckenham Trail, Des #1700401 Old Romney Road to Old US 231 New Trail Construction	PE PE RW CN	STBG,L2,13 STBG PYB,L2,13 STBG PYB,L2,13	22,384 28,000 210,409	5,596 7,000 52,602	27,980 35,000 263,011	2018 2018 2018
City of West Lafayette						
7 Cherry Lane Extension Des # 1401290 Relocated US 231 to McCormick New Road Construction	PE RW CN CN	STBG,L13,16 STBG, L13,16 HPP, L13,16	25,546 1,544,694 236,511	6,387 386,174 59,128	31,933 1,930,868 295,639	2019 2019 2019
Cherry Lane Extension Trail New Trail Construction	CN	TA,L13,16	214,476	53,619	268,095	2019
8 Cumberland Avenue, Ph 4 US 52 to ½ mi west of Sagamore Road Widening	PE RW CN	L13 L13 L13	0 0 0	430,000 350,000 4,050,000	430,000 350,000 4,050,000	2018 2019 2020
9 Happy Hollow Nbhd. Trail Des # 1401288 At Park Entrance & Along Road New Trail Construction	PE RW CN CN	STBG PYB TA PYB,L13,16	327,818 329,487	164,326	821,631	2019
10 Lindberg Road Northwestern Ave. to Salisbury St. Reconstruction & Complete Streets	PE RW CN	L13 L13	0 0	75,000 1,760,000	75,000 1,760,000	2018 2019

Table 4: Funded Local Projects: Fiscal Years 2018 through 2021, continued

Project Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
11 Sagamore Parkway Trail	PE					
Des # 1401287	RW					
Happy Hollow to Wabash River Br	CN	STBG, L13	337,000	1,644,037	2,800,000	2020
New Trail Construction	CN	STBG PYB	604,487			2020
	CN	TA	214,476			2020
12 Soldiers Home Rd, Ph 1	PE	STBG,L3,4	70,778	329,222	400,000	2021
Des # 1401291						
Sagamore Pkwy to Kalberer Road, Reconstruction & Urbanization						
13 Yeager Road, Ph. 4	PE					
End of Pavement to City Limits	RW					
Reconstruction & Urbanization	CN	L13	0	2,225,000	2,225,000	2019
Tippecanoe County						
14 County Farm Road (CR 50W)	PE	Local	0	143,158	143,158	2018
Des #1702333, at CR 500N	RW	Local	0	175,065	175,065	2019
Intersection Improvements	CN	Local	0	625,000	625,000	2021
15 Concord Road, Des # 1401282	PE					
At CR 430S	RW	HSIP,L4,9	165,420	18,380	183,800	2018
Intersection Improvements	CN	HSIP,L4,9	555,274	84,306	843,057	2019
	CN	HSIP PYB	203,477			2019
Concord Road Trail	CN	L4,9	0	344,169	344,169	2019
16 County Bridge Inspection	IN	BRIS, L2	438,981	109,746	548,727	Ph 1, '19
Des # 1500252	IN	BRIS, L2	40,074	10,018	50,092	Ph 1A, '20
Various Bridges in County	IN	BRIS, L2	6,302	1,575	7,877	In 1, '19/'20
17 Harrison Safety Improvements	PE	Local	0	8,333	83,333	2020
Des # 1700407, Along County	RW					
Farm Rd, CR 600N & CR 500N	CN	Local	0	576,581	576,581	2021
Various Safety Improvements						
18 Klondike Road, Des # 1173626	PE	STBG,L4,9	43,040	10,760	53,800	2018
Lindberg to US 52	RW	STBG,L4,9	92,455	23,114	115,569	2018
Road Reconstruction & Widening	CN	STBG,L4,9	5,102,290	2,046,905	10,234,525	2018
	CN	STBG PYB	2,470,480			2018
	CN	TA	210,229			2018
	CN	STBG	313,448			2019
	CN	STBG PYB	86,174			2019
	CN	TA	4,999			2019
19 Lindberg Road, Des # 1173627	PE					
Klondike to Relocated US 231	RW					
Road Reconstruction & Widening	CN	STBG,L4,9	2,436,216	662,673	3,313,365	2021
	CN	TA,L4,9	214,476			2021

Table 4: Funded Local Projects: Fiscal Years 2018 through 2021, continued

	Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
20	McCutcheon Ped Safety	PE	HSIP	184,590	46,148	230,738	2018
	Des #1601028	PE	HSIP	110,593	11,177	111,770	2019
	Various Safety Improvements	RW CN	HSIP	450,000	50,000	500,000	2021
21	North River Road, Des # 1401279	PE					
	At CR 500N	RW	HSIP, L4,8,9	61,819	6,869	68,688	2018
	Intersection Improvements	CN	HSIP, L4,8,9	555,274	275,311	2,114,781	2020
		CN	HSIP PYB	773,531			2020
		CN	STBG	510,665			2020
22	River Road, Des # 1401047	PE					
	At River Bend Hospital	CN	INDOT STP	500,000	208,040	1,040,200	2019
	Raise the Road Elevation		STBG, L4	332,160			2019
23	Yeager Road, Des # 1401281	PE	STBG,L4,9	43,760	10,940	54,700	2019
	W.L. City Limits to CR 500N	RW	STBG,L4,9	169,524	42,381	211,905	2020
	Road Realignment	CN					
24	County Bridge Replacement						
A	Bridge #516 (CR575E at Baker)	CN	L2,4	0	300,000	300,000	
B	Bridge #503 (CR900S at 500E)	CN	L2,4	0	300,000	300,000	
C	Bridge #501 (CR300S at 450W)	CN	L2,4	0	300,000	300,000	
D	Bridge #191 (CR400W over	CN	L2,4	0	450,000	450,000	
E	Bridge #190 (CR 1200S at 860W)	CN	L2,4	0	300,000	300,000	
F	Bridge #U208 (Old Shadeland	CN	L2,4	0	1,250,000	1,250,000	
G	Bridge #527 (Old US 231 over Wea Creek)	CN	L2,4	0	2,500,000	2,500,000	2019
H	Bridge #173 (CR600N at 180E)	CN	L2,4	0	700,000	700,000	
I	Bridge #80 (CR700W over Flint	CN	L2,4	0	690,000	690,000	
J	Bridge #120 (Barton Beach Rd)	CN	L2,4	0	240,000	240,000	
K	Bridge #32 (CR 200S over	CN	L2,4	0	850,000	850,000	
L	Bridge #U56 (CR 100E)	CN	L2,4	0	400,000	400,000	

CityBus

Financial information shown is calendar year beginning January 1st)

25	Operating Assistance (Sec. 5307)	OP	S7O,L1,3,10				
	Des # 1382372			1,882,009	6,490,022	11,712,762	CY 2016
	Des # 1382373			1,120,000	6,335,348	12,142,715	CY 2017
	Des # 1400659			2,160,816	10,456,858	12,617,674	CY 2018
	Des # 1500386			1,727,913	7,418,998	12,357,644	CY 2019
	Des # 1700413			1,762,471	7,311,335	12,728,374	CY 2020
	Des # 1700422			1,797,721	7,201,517	13,110,225	CY 2021

Table 4: Funded Local Projects: Fiscal Years 2018 through 2021, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
<i>Financial information shown for CityBus is calendar year beginning January 1st)</i>						
26 Capital Assistance (Sec. 5307)	CA	S7C,L3	2,782,438	822,210	3,604,148	CY 2016
<i>Des numbers for individual projects are shown on pages 54-62</i>			1,926,500	481,625	2,408,125	CY 2017
			1,926,466	481,617	2,408,083	CY 2018
			1,554,400	388,600	1,943,000	CY 2019
<i>Note: Two buses in CY 2016 will be purchased with Section 5339 funds and one bus will be purchased with Section 5310 funds.</i>			1,554,400	388,600	1,943,000	CY 2020
			1,554,400	388,600	1,943,000	CY 2021
27 Planning Assistance (Sec. 5307)	PL	S7P,L3				
Bus Stop Evaluation (des			8,000	2,000	10,000	CY 2017
Strategic Planning			48,000	12,000	60,000	CY 2018
Planning Software			48,000	12,000	60,000	CY 2018
28 Route 9 Continuation	OP	S10	96,984	96,984	193,968	CY 2017
Des #1700781						
Additional Evening Service 2A/2B	OP	S10	25,000	54,144	79,144	CY 2020
Travel Training	OP	S10	52,038	13,010	65,048	CY 2020
Paratransit Buses	CA	S10	133,259	33,315	166,574	CY 2020
Des #1700413						
29 Fixed Route Buses	CA	S39C	353,725	88,431	442,156	CY 2017
Des #1382386						
30 Ped/Bicycle Detection System	CA	S39C	485,760	121,440	607,200	CY 2018
Vehicles & Related Equipment & Sidewalk, Bus Shelters, ADA Facilities, Other Infrastructure	CN	STBG	290,266	72,567	362,833	2019
Des #1801629						
31 Bus Replacement	CA	S39C	440,000	110,000	550,000	CY 2020
Bus Equipment	CA	S39C	75,241	18,810	94,051	CY 2020
Des #1700413						

Town of Battle Ground

No Projects at This Time

Town of Clarks Hill

No Projects at This Time

Town of Dayton

No Projects at This Time

Table 4: Funded Local Projects: Fiscal Years 2018 through 2021, continued

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
Area Plan Commission						
<i>No Projects at This Time</i>						
Purdue University Area						
32 State Street Corridor Projects	PE					
State Street, US 231 to Tapawingo Perimeter Parkway including Williams Connector, River Road, Airport Rd, McCormick, & Stadium One-Way Street Conversions	RW CN	TIF		0 60,000,000	60,000,000	2016/18
Purdue University Airport						
33 Acquire Aircraft Rescue & Fire Fighting Vehicle	EQ	AIP	580,550	38,700	645,000	2018
34 Rehabilitate Runway 05/23 & Intermediate Connector Taxiway	PE CN	AIP AIP	299,115 3,653,694	19,941 243,580	332,350 4,059,660	2020 2021
35 East Parallel Taxiway "C" Environmental Assessment	PE	AIP	187,200	12,480	208,000	2022
Wabash Center						
36 Five Low Floor Min-Vans Des #1700782	CA	S10	91,200	22,800	114,000	CY 2017
37 Three Low Floor Min-Vans Des #1801505	CA	S10	88,800	22,200	111,000	CY 2018
TOTAL			54,172,878	136,883,470	210,259,984	

Figure 1: Location of Funded Local Projects, FY 2018 - 2021

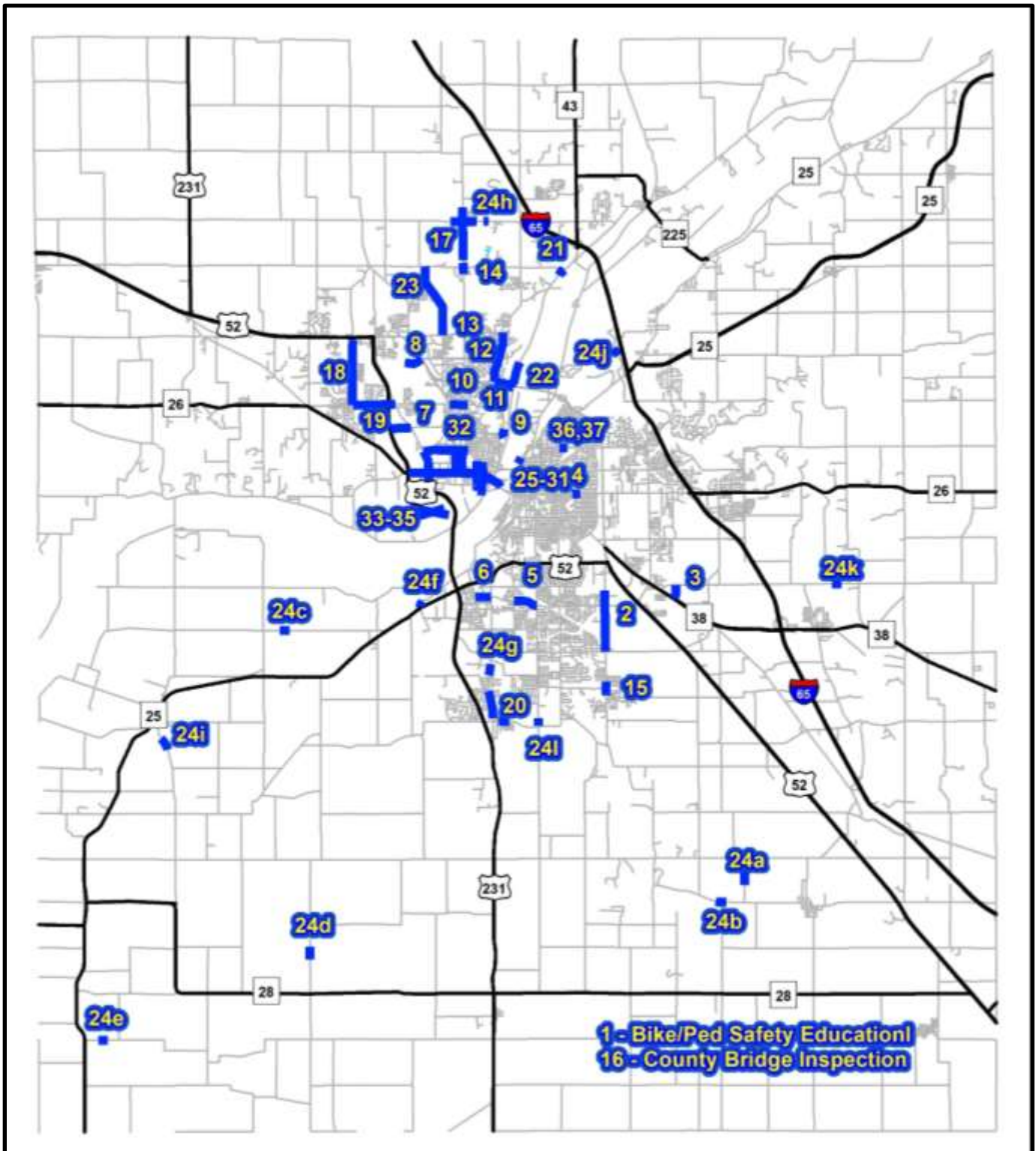


Table 5: Unfunded Local Projects: Fiscal Years 2018 through 2021

	Project Location	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
City of Lafayette							
1	36 th Street Union St. to South St., Road Reconstruction & Widening			Specific project information has not yet been identified			
2	Beck Lane Poland Hill to Old US 231, Road Reconstruction & Widening			Specific project information has not yet been identified			
3.	Park East Blvd. McCarty Lane to Haggerty, New Road Construction			Specific project information has not yet been identified			
4	Poland Hill Road Teal Road to Beck Lane, Road Reconstruction & Alignment			Specific project information has not yet been identified			
5	South Beck Lane Old Romney Rd. to CSX RR Tracks			Specific project information has not yet been identified			
6	Star City Trail N. of Union to Rome Drive			Specific project information has not yet been identified			
City of West Lafayette							
7	Soldiers Home Rd, Ph 1 Des # 1401291 Sagamore Pkwy to Kalberer Road	RW CN	---	400,000	100,000	500,000	No Date
8	Soldiers Home Road (Ph 2) Kalberer Road to City Limits Reconstruction & Urbanization	PE RW CN	---	560,000 640,000	140,000 160,000	700,000 800,000	No Date No Date
Tippecanoe County							
9	CR 400E At Clegg Gardens, Pedestrian Crossing Improvements	CN	HSIP	180,000	20,000	200,000	No Date
10	McCutcheon Ped Safety Des #1601028 Various Safety Improvements	RW CN CN	HISP TA	555,274 214,476	115,316	885,066	2022 2022
11	Morehouse Rd., Des # 1401280 Sagamore Pkwy to CR 500N Road Reconstruction & Widening	PE RW CN	STBG STBG	321,603 3,200,000	80,401 800,000	402,004 4,000,000	2022 No Date
12	Yeager Road, Des # 1401281 W.L. City Limits to CR 500N, Road Realignment	CN	STBG	3,600,000	900,000	4,500,000	2022
CityBus							
No Projects at this Time							
Wabash Center							
No Projects at this Time							

Figure 2: Location of Unfunded Local Projects Shown for Informational Purposes Only, FY 2018- 2021

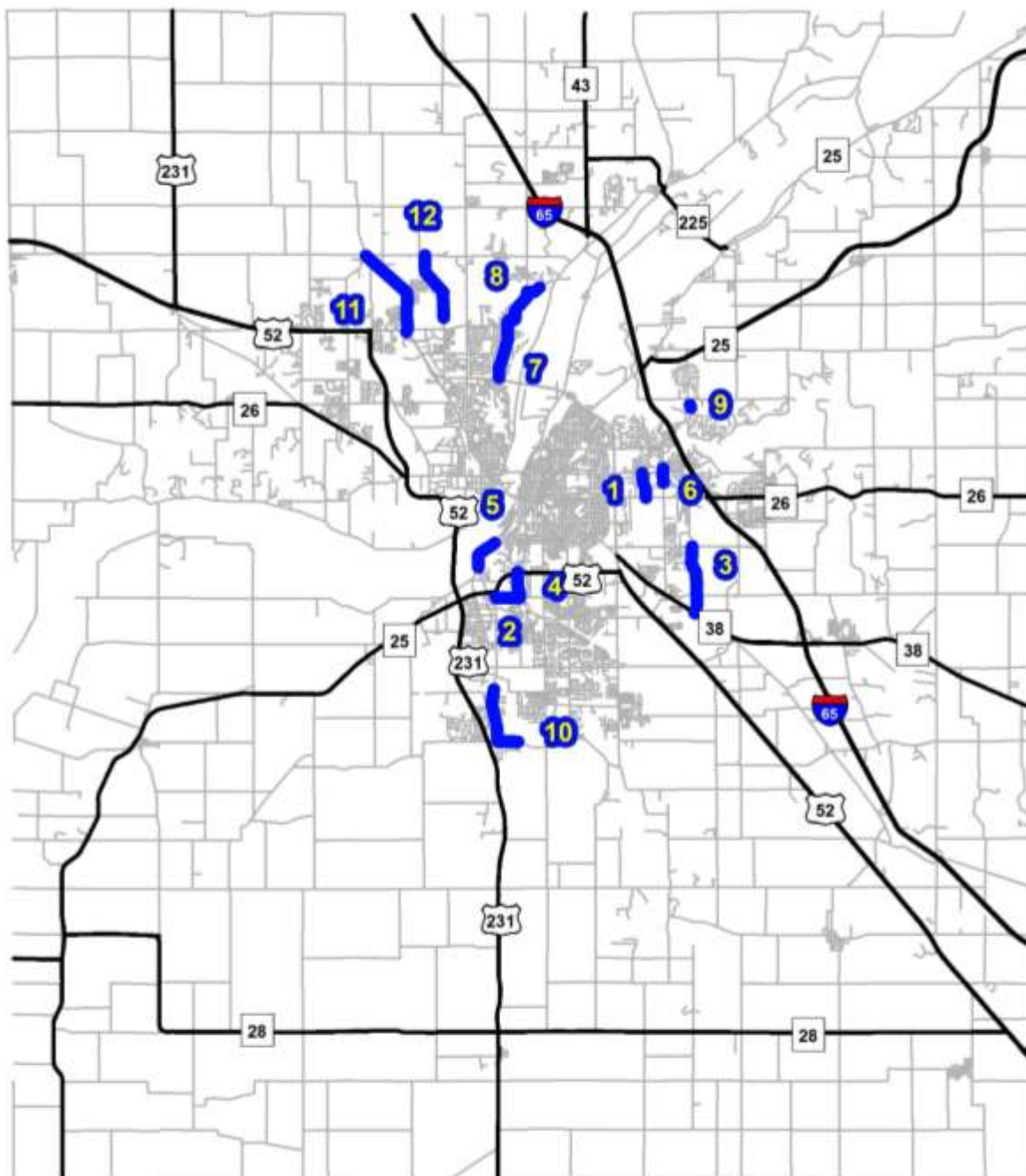


Table 6: Funded Indiana Department of Transportation Projects

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
1	SR 25, Des # 9802920	PE	NHPP	12,800	3,200	16,000	2018
	From I-65 to 0.1 mi E of CR 750E	PE	NHPP	13,120	3,280	16,400	2019
	New Road Construction	PE	NHPP	13,600	3,400	17,000	2020
2	SR 25, Des # 0901664	PE	NHPP	126,800	31,700	158,500	2018
	At Prophetstown State Park Site	PE	NHPP	112,200	28,050	140,250	2019
	Environmental Mitigation	PE	NHPP	97,600	24,400	122,000	2020
3	SR 25, Des # 1298419	CN	NHPP	574,400	143,600	718,000	2021
	Bridge over Shawnee Creek, Replace Superstructure						
4	SR 25, Des # 1500120	PE	STP	37,164	9,291	46,455	2019
	1.51 mi. S of SR 28, Wallace Ditch	RW	NHPP	28,000	7,000	35,000	2018
	Small Structure Replacement	CN	STP	531,632	132,908	664,540	2020
5	SR 25, Des # 1602069	PE	NHPP	12,000	3,000	15,000	2018
	4.01 mi N of SR 28, Flint Creek	RW					
	Bridge Thin Deck Overlay	CN	STP	58,730	14,683	73,413	2020
6	SR 25, Des # 1700441	CN	STP	188,800	47,200	236,000	2019
	0.35 mi W of US 52 to US 52, PCCP Patching						
7	SR 25, Des # 1701414	PE	STP	71,525	17,882	89,407	2018
	CR 500E Bridge	RW					
	Bridge Thin Deck Overlay	CN	STP	38,000	9,500	47,500	2018
8	SR 25, Des # 1701418	PE	STP	67,826	16,956	84,782	2018
	CR 900E Bridge	RW					
	Bridge Deck Overlay	CN	STP	38,000	9,500	47,500	2018
9	SR 25, Des # 1701419	PE	STP	34,530	8,632	43,162	2018
	CR 1000E Bridge	RW					
	Bridge Deck Overlay	CN	STP	115,098	28,774	143,872	2019
10	SR 25, Des # 1800413	PE	STP	60,000	15,000	75,000	2019
	SB Bridge over Buck Creek	RW					
	Bridge Deck Overlay	CN	STP	212,525	53,131	265,656	2021
11	SR 25, Des # 1800414	PE	STP	52,800	13,200	66,000	2019
	NB Bridge over Buck Creek	RW					
	Bridge Deck Overlay	CN	STP	187,022	46,755	233,777	2021
12	SR 25, Des # 1800418	PE	STP	60,000	15,000	75,000	2019
	SB Bridge over NS Railroad	CN	STP	6,400	1,600	8,000	2020
	Bridge Deck Overlay	CN	STP	228,525	57,131	285,656	2021
13	SR 25, Des # 1800419	PE	STP	67,200	16,800	84,000	2019
	NB Bridge over Sugar Creek	RW					
	Bridge Deck Overlay	CN	STP	238,028	59,507	297,535	2021
14	SR 25, Des # 1800420	PE	STP	76,800	19,200	96,000	2019
	SB Bridge over Sugar Creek	RW					
	Bridge Deck Overlay	CN	STP	272,032	68,008	340,040	2021

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
15	SR 25, Des # 1800421	PE	STP	48,000	12,000	60,000	2019
	NB Bridge over NS Railroad	CN	STP	6,400	1,600	8,000	2020
	Bridge Deck Overlay	CN	STP	186,020	46,505	232,525	2021
16	SR 25, Des # 1800437	PE	STP	43,200	10,800	54,000	2019
	NB Bridge over No Name Creek	RW					
	Bridge Deck Overlay	CN	STP	153,018	38,254	191,272	2021
17	SR 25, Des # 1800438	PE	STP	24,000	6,000	30,000	2019
	NB Bridge over County Line Road	RW					
	Bridge Deck Overlay	CN	STP	85,010	21,252	106,262	2021
18	SR 25, Des # 1800439	PE	STP	24,000	6,000	30,000	2019
	11.30 mi N of I-65	RW					
	Bridge Thin Deck Overlay	CN	STP	85,010	21,252	106,262	2021
19	SR 25, Des # 1800440	PE	STP	55,200	13,800	69,000	2019
	NB Bridge over CR 900N	RW					
	Bridge Thin Deck Overlay	CN	STP	195,523	48,881	244,404	2021
20	SR 25, Des # 1800441	PE	STP	38,400	9,600	48,000	2019
	SB Bridge over No Name Creek	RW					
	Bridge Deck Overlay	CN	STP	136,016	34,004	170,020	2021
21	SR 25, Des # 1800442	PE	STP	50,400	12,600	63,000	2019
	SB Bridge over CR 900N	RW					
	Bridge Deck Overlay	CN	STP	178,521	44,630	223,151	2021
22	SR 25, Des # 1800443	PE	STP	38,400	9,600	48,000	2019
	SB Bridge over Bridge Creek	RW					
	Bridge Deck Overlay	CN	STP	136,016	34,004	170,020	2021
23	SR 25, Des # 1800445	PE	STP	74,400	18,600	93,000	2019
	CR 300N Bridge over SR 25/NS RR	CN	STP	6,400	1,600	8,000	2020
	Bridge Deck Overlay	CN	STP	279,531	69,883	349,414	2021
24	SR 25, Des # 1800455	PE	STP	43,200	10,800	54,000	2019
	NB Bridge over Bridge Creek	RW					
	Bridge Deck Overlay	CN	STP	153,018	38,254	191,272	2021
25	SR 26, Des # 1500096	PE					
	4.98 mi. W of US 231	RW	STP	28,000	7,000	35,000	2019
	Culvert Clean and Repair	CN	NHPP	156,000	39,000	195,000	2020
26	SR 26, Des # 1500121	PE	STP	71,702	17,925	89,627	2018
	5.75 mi W of US 231	RW	STP	28,000	7,000	35,000	2019
	Small Structure Replacement	CN	STP	8,000	2,000	10,000	2019
27	SR 26, Des # 1592685	PE	STP	12,992	3,248	16,240	2018
	1.35 mi E I-65 to 0.62 mi E US 421	RW					
	HMA Overlay	CN	STP	2,348,800	587,200	2,936,000	2019

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
28	SR 26, Des # 1700114 0.33 to 8.57 mi E of SR 55; HMA Overlay, Structural	PE	STP	475,265	118,816	594,081	2018
29	SR 26, Des # 1702079 Over Middle Fork Wildcat Creek	PE	STP	73,842	18,460	92,302	2018
	Bridge Deck Overlay	RW CN	 STP	 246,138	 61,534	 307,672	 2019
30	SR 26, Des 1800130 8.7 mi E of SR 55; Bridge Replacement	PE	STP	81,418	20,355	101,773	2020
31	SR 26, Des # 1800215 At CR 900E, New Signal Installation	PE	STP	123,277	30,819	154,096	2019
32	SR 26, Des # 1800569 I-65 SB Ramps to 1.49 mi E of I-65	PE	STP	160,936	40,234	201,170	2019
	Patch & Rehab, PCCP Pavement	RW CN	 STP	 1,714,323	 428,581	 2,142,904	 2021
33	SR 26, Des # 1802820 At CR 900E, New Signal Installation	PE	STP	40,000	10,000	50,000	2019
		CN	STP	184,000	46,000	230,000	2020
34	SR 28, Des # 1500155 SR 25 to US 231	PE					
	HMA Functional Overlay	CN RR CN	STP STP	20,000 3,495,471	5,000 873,868	25,000 4,369,339	2019 2020
35	SR 28, Des # 1592968 US 231 to US 52 W Junction	PE	NHPP	1,036,000	259,000	1,295,000	2018
	Road Rehabilitation	PE RW CN CN	STP STP STP STP	1,200,000 280,000 20,000 11,192,782	300,000 70,000 5,000 2,798,196	1,500,000 350,000 25,000 13,990,978	2019 2019 2019 2020
36	SR 28, Des # 1593036 US 52 to 6.32 mi E of I-65; HMA PM Overlay	CN	NHPP	2,780,000	718,000	3,594,000	2019
37	SR 28, Des # 1602094 0.13 mi W of US 231, Wea Creek	PE	NHPP	12,000	3,000	15,000	2018
	Bridge Thin Deck Overlay	RW CN	 STP	 41,926	 10,482	 52,408	 2020
38	SR 28, Des # 1702332 3.4 mi E of SR 25; Drainage Ditch Correction	PE	STP	4,400	1,100	5,500	2018
39	SR 28, Des # 1800670 Over Little Wea Creek	PE	STP	36,000	9,000	45,000	2019
	Bridge Deck Overlay	RW CN	 STP	 127,738	 31,935	 159,673	 2021
40	SR 28, Des # 1801298 Over Haywood Ditch, Deck Overlay	PE	STP	88,800	22,200	111,000	2019
		CN	STP	310,093	77,523	387,616	2020
41	SR 38, Des # 1601073 Within the Town Limits of Dayton	PE	NHPP	8,000	2,000	10,000	2018
	HMA Functional Overlay	PE RW CN CN	STP NHPP NHPP STP	276,800 40,000 1,019,200 20,000	69,200 10,000 254,800 5,000	346,000 50,000 1,274,000 25,000	2018 2020 2021 2019

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
42	SR 38, Des # 1601074	PE	STP	476,554	119,139	595,693	2018
	1.07 mi E of I-65 to US 421	RW	STP	480,000	120,000	600,000	2019
	HMA Overlay	CN	STP	8,000	2,000	10,000	2019
43	SR 38, Des # 1601997	PE	STP	8,000	2,000	10,000	2018
	1.37 mi W of I-65, N&S RR, EB	RW					
	Bridge Thin Deck Overlay	CN	STP	133,075	33,269	166,344	2020
44	SR 38, Des # 1602056	PE	STP	8,000	2,000	10,000	2018
	2.16 mi E of US 52 Elliott Ditch, EB	RW					
	Bridge Thin Deck Overlay	CN	NHPP	55,200	13,800	69,000	2020
45	SR 38, Des # 1602057	PE					
	1.37 mi W of I-65, N&S RR, WB	CN	STP	8,000	2,000	10,000	2018
	Bridge Thin Deck Overlay	CN	STP	135,760	33,940	169,700	2020
46	SR 38, Des # 1701561	PE	STP	95,498	23,875	119,373	2018
	WB bridge over Elliott Ditch	RW					
	Bridge Deck Overlay	CN	STP	318,329	79,582	397,911	2020
47	SR 38, Des # 1701562	PE	STP	95,498	23,875	119,373	2018
	EB bridge over Elliott Ditch	RW					
	Bridge Deck Overlay	CN	STP	318,329	79,582	397,911	2020
48	SR 38, Des # 1800452	PE	STP	79,200	19,800	99,000	2019
	Over South Fork of Wildcat Creek	RW					
	Bridge Thin Deck Overlay	CN	STP	283,446	70,862	354,308	2021
49	SR 38, Des # 1801353	PE	STP	9,600	2,400	12,000	2019
	SF Wildcat Creek, Debris Removal	CN	STP	50,403	12,601	63,004	2020
50	SR 38, Des # 1900494	CN	STP	374,400	41,600	416,000	2021
	3.85 mi W of I-65 to 0.94 mi E of I-65, ADA Approved Sidewalk Ramps						
51	SR 43, Des # 1592686	PE	NHPP	40,000	10,000	50,000	2018
	N of SR 225 to S of SR 18	CN	NHPP	1,260,777	140,086	1,400,863	2019
	HMA PM Overlay						
52	SR 43, Des # 1700188	PE	STP	32,000	8,000	40,000	2019
	At I-65 NB Ramp; Intersection Improvement						
53	SR 43, Des # 1700189	PE	STP	32,000	8,000	40,000	2019
	At I-65 SB Ramp, Intersection Improvement						
54	SR 43, Des # 1800076	PE	STP	90,432	22,608	113,040	2019
	Over Walter Ditch, Replace Bridge	CN	STP	899,731	224,933	1,124,664	2020
55	US 52, Des # 0800132	PE	STP	112,000	28,000	140,000	2018
	0.21 to 3.21 mi. N of US 231	PE	STP	61,720	15,430	77,150	2019
	Road Reconstruction	RW	STP	2,175,401	543,850	2,719,251	2019
		CN	STP	5,979,211	1,494,803	7,474,014	2019

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
56	US 52, Des # 1172176 9 th , 18 th , 22 nd , 26, Elston, Old 231;	CN	STP	538,166	134,541	672,707	2019
57	Special US 52, Des # 1298387 WB bridge over Wabash River; Bridge Deck Replacement	CN	NHPP	3,440,000	860,000	4,300,000	2018
58	US 52, Des # 1500159 3.21 mi E US 231 - 4.56 mi W SR 28, Pavement, Other Concrete Overlay	CN	NHPP	6,800,000	1,700,000	8,500,000	2018
59	US 52, Des # 1500277 4 th Street / Poland Hill; Intersection Improvement/Signal	CN	STP	1,143,573	285,893	1,429,466	2019
60	US 52, Des # 1592842 Bridge over Wabash R. to SR 25 PCCP Patching	CN CN CN	STP NHPP STP	16,000 314,400 48,000	4,000 78,600 12,000	20,000 393,000 60,000	2018 2019 2019
61	US 52, Des # 1601884 At US 231 W Jct. (Montmorenci) New Signal Installation	PE CN CN/RR	HSIP HSIP	186,000 300,000	0 0	186,000 300,000	2018 2018
62	US 52, Des # 1601992 2.33 mi W of SR 28, Lauramie Creek Bridge Thin Deck Overlay	PE RW CN	NHPP STP	16,000 37,951	4,000 9,488	20,000 47,439	2018 2020
63	US 52, Des # 1601999 1.20 mi E of SR 25, Elliot Ditch Bridge Thin Deck Overlay	PE RW CN	NHPP STP	12,000 54,036	3,000 13,509	15,000 67,545	2018 2020
64	US 52, Des # 1602042 1.02 mi E SR 25, Branch Elliot Ditch Bridge Thin Deck Overlay	PE RW CN	NHPP STP	12,000 39,939	3,000 9,985	15,000 49,924	2018 2020
65	US, 52, Des # 1701596 Over Indian Creek Bridge Replacement	PE RW CN	STP STP STP	155,393 31,200 8,000	38,848 7,800 2,000	194,241 39,000 10,000	2018 2019 2019
66	US 52, Des # 1702078 Elston Road over US 231 Bridge Thin Deck Overlay	PE RW CN	STP STP	39,382 135,374	9,845 33,843	49,228 169,217	2018 2020
67	US 52, Des # 1702292 At Tate & Lyle plant entrance New Traffic Signal	PE RW CN	STP STP	11,440 120,000	2,860 30,000	14,300 150,000	2018 2018
68	US 52, Des # 1800425 EB Lanes over NS Railroad Bridge Thin Deck Overlay	PE CN CN	STP STP STP	52,800 6,400 204,964	13,200 1,600 51,241	66,000 8,000 256,205	2019 2020 2021
69	US 52, Des # 1800430 WB Lanes over NS Railroad Bridge Thin Deck Overlay	PE CN CN	STP STP STP	52,800 6,400 204,964	13,200 1,600 51,241	66,000 8,000 256,205	2019 2020 2021

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
70	US 52, Des # 1801299	PE	STP	9,600	2,400	12,000	2019
	EB bdg Sagamore Pkwy,	RW					
	Bridge Maintenance and Repair	CN	STP	33,826	8,457	42,283	2020
71	US 52, Des # 1900666	PE	STP	40,000	10,000	50,000	2019
	0.08 mi S of SR 26, Bridge Thin Deck Overlay						
72	US 231/52, Des # 1382313	CN	STP	248,372	62,093	310,465	2019
	NB bridge over Wabash River; Scour Protection (Erosion)						
73	US 231/52, Des # 1382314	CN	STP	248,372	62,093	310,465	2019
	SB bridge over Wabash River, Scour Protection (Erosion)						
74	US 231, Des # 1400217	RW	NHPP	16,000	4,000	20,000	2018
	0.97 miles north of SR 28	RW	STP	9,228	2,307	11,535	2019
	Bridge Replacement	CN	STP	1,582,991	395,748	1,978,739	2019
75	US 231, Des # 1592841	CN	NHPP	1,575,200	393,800	1,969,000	2019
	SR 25 to 3.39 mile south of SR 25, PCCP Patching						
76	US 231, Des # 1700190	PE	STP	320,000	80,000	400,000	2019
	N of I-74 to 2.87 mi N of SR 28, Auxiliary Passing Lanes						
77	US 231, Des # 1800432	PE	STP	76,800	19,200	96,000	2019
	NB Bdg Big Wea Ck, Deck Overlay	CN	STP	274,857	68,714	343,571	2021
78	US 231, Des # 1800433	PE	STP	86,400	9,600	96,000	2019
	SB Bdg Big Wea Ck, Deck Overlay	CN	STP	274,857	68,714	343,571	2021
79	US 231, Des # 1801338	PE	STP	9,600	2,400	12,000	2019
	NB Bridge, Big Wea Creek/Elliot D.	RW					
	Debris Removal	CN	STP	50,391	12,598	62,989	2020
80	US 231, Des # 1801344	PE	STP	9,600	2,400	12,000	2019
	SB Bridge, Big Wea Creek/Elliot T.	RW					
	Debris Removal	CN	STP	50,403	12,601	63,004	2020
81	US 231, Des # 1802807	PE	STP	40,000	10,000	50,000	2019
	At SR 28, New Traffic Signal	CN	STP	139,200	34,800	174,000	2020
82	US 231, Des # 1802809	PE	STP	40,000	10,000	50,000	2019
	At CR 800S, New Traffic Signal	CN	STP	139,200	34,800	174,000	2020
83	SR 225, Des # 1593270	PE	STP	71,280	17,820	89,100	2019
	Over Wabash R., Bridge Maintenance & Repair						
84	SR 225, Des # 1701548	PE	STP	89,154	22,289	111,443	2018
	Over Burnett Creek	RW					
	Bridge Deck Overlay	CN	STP	297,180	74,295	371,475	2020
85	SR 225, Des # 1702137	PE	STP	75,790	19,948	94,738	2018
	Over Burnett Creek	RW					
	Bridge Deck Overlay	CN	STP	252,634	63,159	315,793	2020

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
86	SR 225, Des # 1800149	PE	STP	43,423	10,856	54,279	2019
	N of SR 25, Replace Structure	CN	STP	143,079	35,770	178,849	2020
87	Soldiers Home Rd (Old SR 443)	CN	NHPP	1,167,200	291,800	1,459,000	2018
	Des # 1298394, Bridge Deck Replacement						
88	I-65, Des # 1006281	CN	NHPP	1,938,600	215,400	2,154,000	2019
	NB bridge over Lauramie Creek, Bridge Deck Replacement/Widening						
89	I-65, Des # 1006282	CN	NHPP	1,275,300	141,700	1,417,000	2019
	SB bridge over Lauramie Creek, Bridge Deck Replacement/Widening						
90	I-65, Des # 1500154	PE	NHPP	81,000	9,000	90,000	2018
	N SR 43 to US 231, HMA Overlay	CN	NHPP	9,328,164	1,036,463	10,364,627	2019
91	I-65, Des # 1500644	PE	NHPP	56,350	6,250	62,500	2018
	CR 725N Bdg, Bridge Deck Overlay	CN	State	0	727,000	727,000	2019
92	I-65, Des # 1592704	CN	State	0	666,000	666,000	2019
	NB Bridge over Prophets Rock Rd, Bridge Deck Overlay						
93	I-65, Des # 1592705	CN	State	0	666,000	666,000	2019
	SB Bridge over Prophets Rock Rd; Bridge Deck Overlay						
94	I-65, Des # 1592725	CN	NHPP	1,634,335	181,593	1,815,928	2019
	NB Over Burnett's Crk, N 9 th & CSX, Bridge Deck Overlay						
95	I-65, Des # 1592726	CN	NHPP	588,615	65,402	654,017	2019
	SB Over Burnett's Crk, N 9 th & CSX, Bridge Deck Overlay						
96	I-65, Des # 1601088	PE	NHPP	108,000	12,000	120,000	2018
	SR43 NB Bdg, Deck Replace/Widen	CN	NHPP	2,240,100	248,900	2,489,000	2021
97	I-65, Des # 1601090	PE	NHPP	108,000	12,000	120,000	2018
	SR43 SB Bdg, Deck Replace/Widen	CN	NHPP	2,004,300	222,700	2,227,000	2020
98	I-65, Des # 1601091	PE	NHPP	179,257	44,814	224,071	2018
	Over Burnett Creek, NB Bridge	PE	NHPP	22,500	2,500	25,000	2019
	Bridge Deck Replacement/Widening	RW	NHPP	22,500	2,500	25,000	2019
		CN	NHPP	2,016,638	224,071	2,240,709	2020
99	I-65, Des # 1601092	PE	NHPP	168,322	42,081	210,403	2018
	Over Burnett Creek, SB Bridge	RW	NHPP	22,500	2,500	25,000	2019
	Bridge Deck Replacement/Widening	CN	NHPP	22,500	2,500	25,000	2019
		CN	NHPP	1,893,625	210,403	2,104,028	2020
100	I-65, Des # 1701549	PE	NHPP	51,036	12,759	63,795	2018
	Unnamed Ditch/Creek, Pipe Lining	CN	NHPP	202,864	22,540	225,404	2021
101	I-65, Des # 1800399	CN	NHPP	233,750	25,972	259,722	2021
	NB Bridge over the Wildcat Creek;						
102	I-65, Des # 1800400	CN	NHPP	233,750	25,972	259,722	2021
	SB Bridge over the Wildcat Creek;						

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
103	I-65, Des # 1800401 NB Bridge over SR 26, Bridge	CN	NHPP	185,052	20,561	205,613	2021
104	I-65, Des # 1800402 SB Bridge over SR 26, Bridge Painting	PE	NHPP	185,052	20,561	205,613	2021
105	I-65, Des # 1800431 Swisher Road Bridge over I-65, Bridge Painting	PE	NHPP	204,531	22,726	227,257	2021
106	I-65, Des # 1800451 McCarty Lane Bdg, Deck Overlay	PE	NHS	86,400	9,600	96,000	2019
		CN	NHPP	274,857	68,714	343,571	2021
107	I-65, Des # 1800572 S of SR 47 to US 24/US 231, ITS	PE	NHPP	180,000	20,000	200,000	2019
		CN	NHPP	1,967,861	218,651	2,186,512	2020
108	I-65, Des # 1900647 At SR 38 Interchange, Concrete Pavement Restoration	PE	NHPP	347,233	38,581	385,814	2019
109	I-65, Des # 1900664 NB bdg, CSX RR, Bridge Repair	PE	NHPP	45,000	5,000	50,000	2019
		CN	NHPP	198,000	22,000	220,000	2021
110	I-65, Des # 1900665 SB bdg, CSX RR, Bridge Repair	PE	NHPP	45,000	5,000	50,000	2019
		CN	NHPP	198,000	22,000	220,000	2021
111	Lilly Road, Des #1600439 At CSX RR, Crossing Improvement	PE	Section 130	20,000	0	20,000	2018
		CN	Section 130	320,000	0	320,000	2019
112	W County Line Rd, Des #1600441 At NS RR, Crossing Improvement	PE	Section 130	20,000	0	20,000	2018
		CN	Section 130	320,000	0	320,000	2019
113	Statewide, Des # 1600463 On-call, Pavement Design	PE	STP	1,261,255	140,139	1,401,394	2018
114	Statewide, Des # 1600479 On-call, Geotechnical Investigations	PE	STP	2,095,118	232,791	2,327,909	2018
115	Statewide, Des # 1601206 Bridge Inspections, Statewide	PE	NHPP	240,000	60,000	300,000	2019
116	Statewide, Des # 1601207 Underwater Inspections	PE	NHPP	600,000	150,000	750,000	2018
	Bridge Inspection	PE	NHPP	200,000	50,000	250,000	2019
		PE	NHPP	120,000	30,000	150,000	2020
		PE	NHPP	120,000	30,000	150,000	2021
117	Statewide, Des # 1601208 Fracture Critical & Special Inspect.	PE	NHPP	400,000	100,000	500,000	2018
	Bridge Inspections	PE	NHPP	400,000	100,000	500,000	2019
		PE	NHPP	400,000	100,000	500,000	2020
		PE	NHPP	400,000	100,000	500,000	2021
118	Statewide, Des # 1601209 Vertical Clearance Data Collection	PE	NHPP	400,000	100,000	500,000	2019
	Bridge Inspections, Statewide	PE	NHPP	120,000	30,000	150,000	2020
		PE	NHPP	120,000	30,000	150,000	2021

Table 6: Funded Indiana Department of Transportation Projects, continued

	Project Location	Ph	Fund Code	Federal Funds	State Funds	Total Cost	Anticipated Year
119	Statewide, Des # 1701469 On-call, Pavement Design	PE	STP	1,440,000	160,000	1,600,000	2018
120	Statewide, Des # 1702393 State Police Enforcement in Interstate Construction Zones	PE PE	STBG STBG	1,000,000 1,000,000	0 0	1,000,000 1,000,000	2018 2019
121	Various Locations, Des # 1801791 District Wide Bridge Maintenance	CN	STP	800,000	200,000	1,000,000	2019
122	Statewide, Des # 1802826 On-call, Consultant Review	PE PE PE PE	STBG STBG STBG STBG	1,680,000 1,680,000 1,680,000 1,680,000	420,000 420,000 420,000 420,000	2,100,000 2,100,000 2,100,000 2,100,000	2020 2021 2022 2023
TOTAL				115,364,047	25,359,433	140,733,480	

Figure 3: Location of Funded INDOT Projects

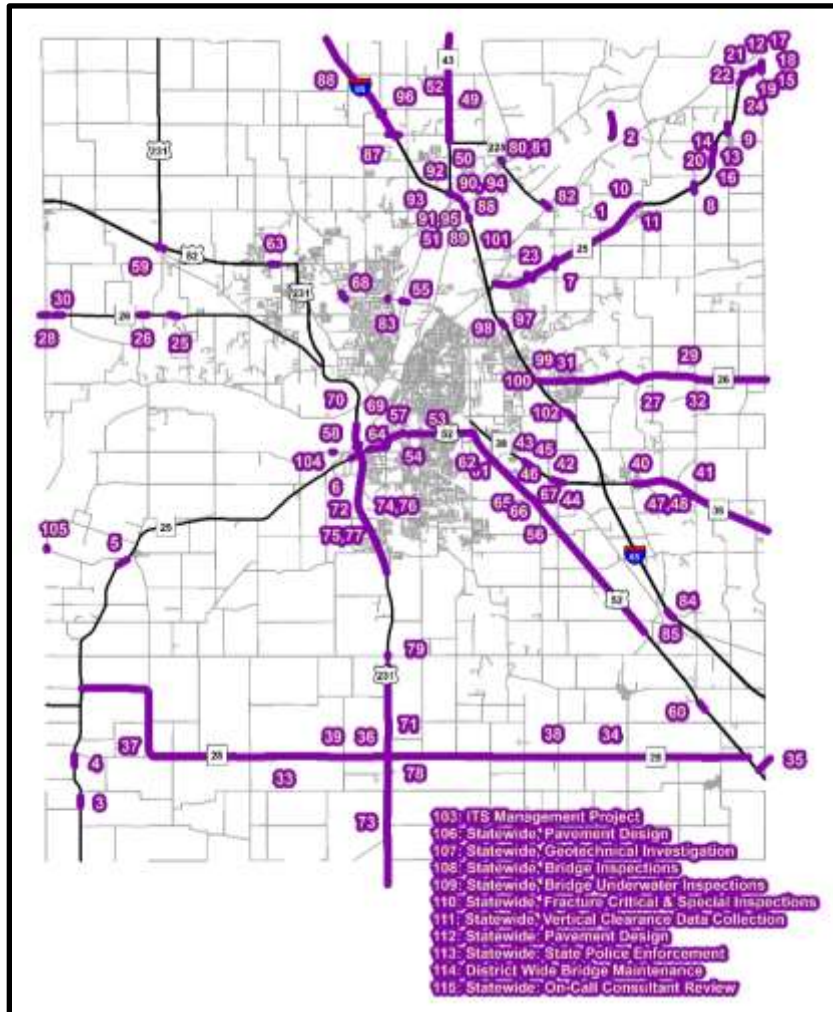
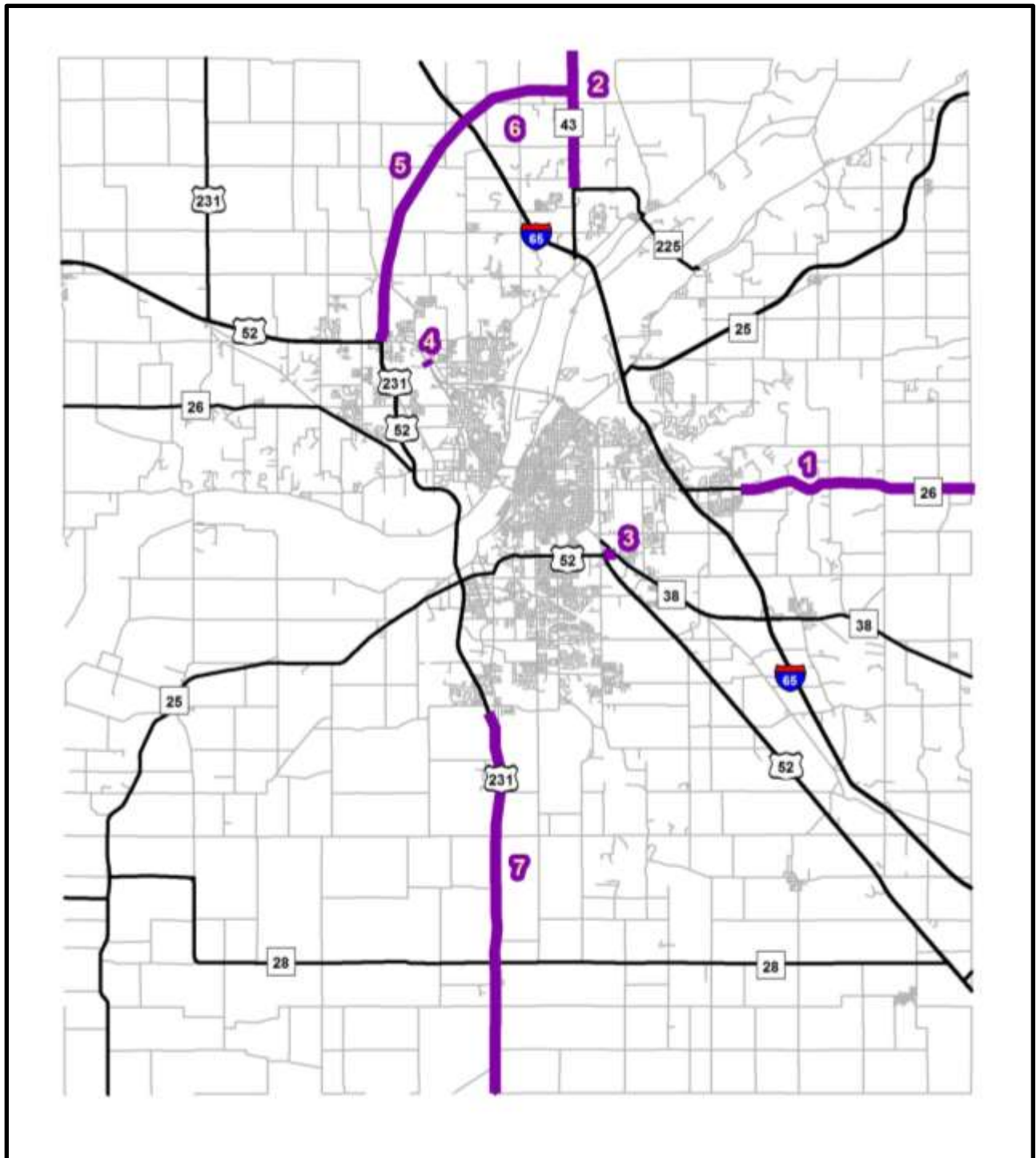


Table 7: Unfunded INDOT Projects for Informational Purposes Only

Project, DES Number	Project Location & Description	Project Status
1 SR 26	1.12 miles east of I-65 to county line, Various	----
2 SR 43	SR 225 to SR 18, Road Replacement	----
3 US 52 (Teal Extension)	New Road Construction, US 52 to SR 38	----
4 Sagamore Parkway (Old US 52)	At Cumberland, Intersection Improvement	----
5 US 231	New Road Construction from US 52 to I-65	----
6 US 231	New Road Construction from I-65 to SR 43	----
7 US 231	Widening from CR 500S south	----

Figure 4: Location of Unfunded INDOT Projects



7. Financial Summary and Plan

All Transportation Improvement Programs are required to be financially constrained (project costs cannot exceed expected revenue). Thus, a community cannot program more than it is allocated. A financial plan is required that demonstrates how projects are implemented within budget and identifies resources from both public and private sources that are reasonably expected to be made available to carry out the plan.

Available funding limits are provided by INDOT for three types of federal funds within the urban area. Surface Transportation Block Group (STBG), Highway Safety Improvement Program (HSIP) and Transportation Alternatives (TA) are allocated to and distributed through the MPO. Rail safety and STBG funds for rural areas compete against other projects throughout the district or state and are thus shown on the “information only” list until INDOT awards funding. Transit funding is based on both present and past year funding levels; the same is true for airport projects.

In previous TIPs, INDOT allowed MPOs to carry over any funding balances to future fiscal years. That policy was changed in 2014. To help ease the transition into the new policy, INDOT and the MPOs came to an agreement on what the balances were and how they were to be spent. The spending plan is called the Five-Year Production Schedule and it can be adjusted annually if needed. INDOT refers to these funds as “Prior Year Balance” funds or PYB funds. The balance of PYB funds still available are:

STBG PYB:	\$4,578,495
HSIP PYB:	\$1,052,893
TA PYB:	\$329,487

INDOT’s policy of not allowing MPOs to carry over funding balances still remains in effect.

Living within the budget means that project requests are capped at the requested amount. If a project needs additional federal funding, the TIP can either be amended (if there are still federal funds available), unused funds from another project can be transferred or the jurisdiction must make up the difference with local funds. The costs shown are estimated for the year the project phase is implemented or started.

STBG, Areas with Populations over 5K to 200K Funds

The MPO has the flexibility to spend Surface Transportation Block Grant funds throughout the County. STBG funds can be used by local governments for all phases of a project, including engineering, right-of-way and construction.

Based on information from INDOT, we have been directed to use an estimated STBG funding allocation of \$3,956,920 for the out years of this TIP. For FY 2018, we are allocated \$3,732,535. Detailed information can be found in **Appendix 3**. It should be noted that when more accurate funding estimates are released, projects could shift and either start earlier or later.

The Technical Transportation Committee reviewed and financially constrained the LPA project requests on February 15, 2017. Over twenty-four million dollars in STBG funds were requested for ten projects. **Tables 9** through **12** show those projects that were chosen along with the amount of federal funds allocated to each project. Each table shows a zero balance demonstrating that this TIP is fiscally constrained. This TIP is in compliance with INDOT's and FHWA's policies.

Table 8: STBG Funding, Fiscal Year 2017

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB
STBG Funds				3,866,567	4,769,751
Morehouse Road	PE	1401280	576,983	479,254	97,729
Twyckenham Boulevard	PE	1401285	418,336	418,336	---
North Street	PE	1172413	4,612	4,612	---
North Street	CE & CN	1172413	426,880	426,880	---
Yeager Road	PE	1401281	346,528	346,528	---
Klondike Road	RW	1173626	1,187,382	1,187,382	---
Lindberg Rd	RW	1173627	175,860	175,860	---
Happy Hollow	CE	0900002	147,338	147,338	---
Happy Hollow	CN	0900002	92,178	92,178	---
Kingston Trail	CE & CN	1401291	545,344	545,344	---
Sagamore Pkwy Trail	PE	1401287	20,455	20,455	---
Bike/Ped Safety	ED	1601000	52,400	22,400	30,000
Myers Bridge	RR	1172458	63,527	---	63,527
Total			4,057,823	3,866,567	191,256
Balance				0	4,578,495

Table 9: STBG Funding, Fiscal Year 2018

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STBG Funds				3,732,535	4,578,495
Flexed HSIP Funds				272,954	
FY '17 STP				42,707	
Flexed FY '17 HSIP & TA				11,973	
Trade w/ NIRPC MPO				1,200,000	
Total Amount				5,260,169	
Klondike Road	PE	1173626	43,040	43,040	---
Klondike Road	RW	1173626	92,455	92,455	---
Klondike Road	CE & CN	1173626	7,623,557	5,102,290	2,470,480
Bike / Ped Safety	ED	1601000	30,000	---	30,000
Twyckenham Trail	PE	1700401	50,384	22,384	28,000
Twyckenham Trail	CE & CN	1700401	220,000	---	220,000
Total			8,059,436	5,260,169	2,738,889
Balance				0	1,839,606

Table 10: STBG Funding, Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STBG Funds				3,956,920	1,839,606
Trade w/ NIRPC MPO				1,200,000	
Flexed from HSIP/HSIP PYB funds				77,862	73,981
Adjustments (FY '18 carry over & allocation reduction)				81,931	
Total Amount				2,916,713	1,913,587
Cherry Lane Extension	PE	1401290	25,546	25,546	---
Cherry Lane Extension	CE & CN	1401290	1,544,694	1,544,694	---
Happy Hollow Nbhd Trail	CE & CN	1401288	327,818	---	327,818
Klondike Road	CN	1173626	399,622	313,448	86,174
Park East Boulevard	PE	1700405	336,886	85,386	251,500
Twyckenham Boulevard	RW	1401285	151,000	---	151,000
Concord at CR 430S	CN	1401282	0	0	0
River Road at River Bend	CN	1401047	332,160	332,160	---
Concord Rd, Trail Lighting	PE	1900477	92,400	92,400	---
Evansville MPO Trade	---	---	614,574	189,053	425,521
Yeager Road	PE	1401281	43,760	43,760	---
CityBus	CN	1801629	290,266	290,266	---
Total			4,158,726	2,916,713	1,242,013
Balance				0	671,574

Table 11: STBG Funding, Fiscal Year 2020

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STBG Funds				3,956,920	671,574
Twyckenham Boulevard	CE & CN	1401285	2,939,731	2,939,731	---
Sagamore Parkway Trail	CE & CN	1401287	941,487	337,000	604,487
Yeager Road	RW	1401281	169,524	169,524	---
River Road at CR 500N	CN	1401279	510,665	510,665	---
Park East Boulevard	RW	1700405	108,000	---	108,000
Total			4,669,407	3,956,920	712,487
Balance				0	-40,913

Table 12: STBG Funding, Fiscal Year 2021

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
STBG Funds				3,956,920	0
Flexed HSIP Funds				105,274	
Total Amount				4,062,194	
Park East Boulevard	CE & CN	1700405	1,555,200	1,555,200	---
Lindberg Road	CE & CN	1173627	2,436,216	2,436,216	---
Soldiers Home Rd., Ph. 1	PE	1401291	70,778	70,778	---
Total			4,062,194	4,062,194	0
Balance				0	0

Non-Motorized Project Identification and Summary

In June of 2012, the Area Plan Commission adopted the **2040 MTP**. It recommends that 10% of this community's Surface Transportation Program funds go to independent non-motorized projects that are not part of a larger road project. Examples of those projects include the construction of trails and sidepaths. This TIP continues that policy. Ten percent of our STBG funds equates to \$395,692 per year. **Table 13** shows the amounts allocated to road projects and to non-motorized projects with updated allocations.

Table 13: STBG Funding for Road and Non-Motorized Projects

Fiscal Year	STP Funds	Bike & Ped
2018	3,732,535	373,253
2019	3,956,920	395,692
2020	3,956,920	395,692
2021	3,956,920	395,692
Total	15,603,295	1,560,329

The STBG financially constrained tables (**Tables 9-12**) include three independent non-motorized projects that use our STBG funds. Two of them involve constructing a trail; one in West Lafayette and the other in Lafayette. The third project is a continuation of a pedestrian and bicycle education program that was started in FY 2017. **Table 14** summarizes the non-motorized projects and it shows that we have allocated \$2,021,793 in STBG funds for non-motorized projects over the four years.

Based on our annual allocation from FY 2018 through FY 2021, our four years cumulative allocation equates to \$15,603,295. Ten percent that amount is \$1,560,329. Comparing the ten percent target amount to the amount allocated, we have exceeded our target by \$461,464. This equates to 13.0% of our four-year allocation. This TIP exceeds the goal established in the 2040 Metropolitan Transportation Plan.

Table 14: Non-Motorized Projects, Fiscal Years 2018 - 2021

Project	Phase	Des #	TIP Allocation	Fiscal Year
STBG Funds				
Bike/Ped Safety Education	ED	1601000	30,000	2018
Twyckenham Trail	PE	1700401	50,384	2018
Twyckenham Trail	CE & CN	1700401	210,409	2018
Happy Hollow Nbhnd Trail	CE & CN	1401288	734,513	2019
Concord Road	PE		55,000	2019
Sagamore Parkway Trail	CE & CN	1401287	941,487	2020
Total			2,021,793	

It should also be noted that all of the reconstruction and/or widening projects that have been allocated STBG federal funds will contain a sidewalk and/or trail component.

STBG, Areas with Population under 5k Funds

STBG funds for rural area are available to counties for eligible improvement to rural roads. LPAs seeking these funds compete against each other within the INDOT district. INDOT's approval is based on several factors: how close the project is to construction, the ability of the LPA to match federal funds, and how well the project is moving through right-of-way acquisition. There are no projects utilizing these funds.

Highway Safety Improvement Program Funds

Highway Safety Improvement Program (HSIP) funds are for safety-oriented projects. These funds typically pay for ninety percent of the project cost. There are certain project types where these funds will pay for the entire cost. Except for low cost countermeasure projects, all projects must document and correct a hazardous road location through a crash analysis or safety audit. Applications for funding are reviewed and approved by the TTC and then by an INDOT/FHWA safety committee. These funds can be used for preliminary engineering, right-of-way and construction.

Based on current information from INDOT, we have been directed to use an estimate of HSIP funding allocation of \$555,274 for the out years of this TIP. Our FY 2018 allocation is \$689,561. Detailed information can be found in **Appendix 3**. Unlike STBG funds, the MPO is allowed to transfer up to fifty percent of its HSIP funds to STBG funds. It should be noted that when more accurate funding estimates are released, projects could shift and either start earlier or later.

Another funding source for safety projects is through Section 164 Penalty funds. The U.S. Department of Transportation encourages States to enact and enforce repeat intoxicated driver laws. Since the State of Indiana has not enacted certain laws toward this, a portion of the State's STBG funds are transferred and can only be used for safety related projects. Our FY 2017 Penalties funding allocation is \$155,531. Our FY 2018 Penalties funding allocation is \$143,653.

The projects chosen to receive funding were derived from the FY 2016-2019 TIP, road safety audits, and/or needs analysis. **Tables 15** through **19** show those projects that were chosen along with the amount of federal funding.

Table 15: HSIP Funding, Fiscal Year 2017

Project	Phase	Des #	TIP	Annual	PYB
HSIP Funds				596,025	1,220,747
South/Scott Street Ped	CN	1400566	237,150	237,150	---
Railroad Street Lighting	CE & CN	1005755	14,286	---	14,286
North Street	CN	1172413	40,000	---	40,000
Kingston Drive	CN	1401286	38,493	38,493	---
River Road at CR 500N	RW	1401279	320,382	320,382	
Happy Hollow	CE	0900002	109,415	---	109,415
Happy Hollow	CN	1382200	4,153	---	4,153
Total			650,311	596,025	167,854
Balance				0	1,052,893

Table16: HSIP Funding, Fiscal Year 2018

Project	Phase	Des #	TIP	Annual	PYB
HSIP Funds				689,561	1,052,893
Funds Flexed to STBG				-272,954	
Total Amount				416,607	
Concord at CR 430S	RW	1401282	165,420	165,420	---
McCutcheon Ped Safety	PE	1601028	184,590	184,590	---
South Street	CN	1400566	5,400	4,778	---
River Road at CR 500N	RW	1401279	50,004	61,819	---
Total			405,414	416,607	0
Balance				0	1,052,938

Table 17: HSIP Funding, Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				555,274	1,052,893
Flexed to STBG/STBG PYB funds				-77,862	-73,981
Adjustments (FY '18 carry over & allocation reduction)				188,455	
Total Amount				665,867	978,912
Concord at CR 430S	CE & CN	1401282	758,751	555,274	203,477
McCutcheon Ped Safety	PE	1601028	110,593	110,593	---
Evansville MPO Trade			1,904		1,904
Total			871,248	665,867	205,381
Balance				0	773,531

Table18: HSIP Funding, Fiscal Year 2020

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				555,274	773,531
River Road at CR 500N	CE & CN	1401279	1,328,805	555,274	773,531
Total			1,328,805	555,274	773,531
Balance				0	0

Table 19: HSIP Funding, Fiscal Year 2021

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
HSIP Funds				555,274	0
Funds Flexed to STBG				-105,274	
Total Amount				450,000	
McCutcheon Ped Safety	PE	1601028	450,000	450,000	0
Total			450,000	450,000	0
Balance				0	0

The Technical Transportation Committee reviewed and financially constrained the LPA project requests on February 15, 2017. Over two and a half million dollars in HSIP funds were requested for four projects. **Tables 16** through **19** show those projects that were chosen along with the amount of federal funds allocated to each project. Each table shows

a zero balance demonstrating that this TIP is fiscally constrained. This TIP is in compliance with INDOT's and FHWA's policies.

Transportation Alternatives Set Aside Funds

Providing federal funds to construct facilities for non-motorized traffic has been part of national funding since the passage of ISTEA in 1991. The ultimate goal is to help communities provide transportation choices.

The FAST Act provides funding for a variety of non-motorized projects through Transportation Alternatives (TA) which is a set-aside of the STBG program. Projects previously programmed in MAP-21 under Transportation Enhancements, Recreational Trails, and Safe Routes to School are now combined into this program. Eligible activities include on-road and off-road trail facilities for pedestrians, bicyclists and other non-motorized forms of transportation including: sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act. Furthermore, projects involving the removal of outdoor advertising, preservation and rehabilitation of historic transportation facilities, and projects under the recreational trails and safe routes to school programs are eligible.

Based on current information from INDOT, we have been directed to use an estimate TA funding for the out years of \$214,449. Our FY 2018 estimated allocation is \$210,229. Detailed information can be found in **Appendix 3**. It should be noted that there is a possibility projects could shift and either start earlier or later when more accurate estimates are released. Like HSIP funds, the MPO can transfer up to 50% of its funds to STBG projects.

The projects chosen are selected from the FY 2016-2019 TIP or the 2040 Metropolitan Transportation Plan. Several projects, Klondike Road, Cherry Lane Extension and Twyckenham Boulevard, include new trails that will be constructed in conjunction with the road improvement project. **Tables 21** through **24** show the allocation of TA funds over the four-year period.

Table 20: TA Funding, Fiscal Year 2017

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TA Funds				209,401	329,487
Sagamore Parkway Trail	PE	1401287	209,401	209,401	---
Total			209,401	209,401	0
Balance				0	329,487

Table 21: TA Funding Fiscal Year 2018

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TA Funds				210,229	329,487
Klondike Road Trail	CE & CN	1173626	214,476	210,229	0
Total			214,476	210,76	0
Balance				0	329,487

Table 22: TA Funding, Fiscal Year 2019

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TA Funds				214,476	329,487
Adjustments (FY '18 carry over & allocation reduction)				4,999	
Total Amount				219,475	
Cherry Lane Ext. Trail	CE & CN	1401290	214,476	214,476	---
Happy Hollow Nbhd Trail	CE & CN	1401288	329,487	---	329,487
Klondike Road	CN	1173626	4,999	4,999	---
Total Balance			548,962	219,475 0	329,487 0

Table 23: TA Funding, Fiscal Year 2020

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TA Funds				214,476	0
Sagamore Parkway Trail	CE & CN	1401287	214,476	214,476	---
Total Balance			214,476	214,476 0	0 0

Table 24: TA Funding, Fiscal Year 2021

Project	Phase	Des #	TIP Allocation	Annual Allocation	PYB Balance
TA Funds				214,476	0
Lindberg Road	CE & CN	1173627	214,476	214,476	---
Total Balance			214,476	214,476 0	0 0

The Technical Transportation Committee reviewed and financially constrained the LPA project requests on February 15, 2017. Over eight hundred thousand dollars in TA funds were requested for four projects. **Tables 21** through **24** show those projects that were chosen along with the amount of federal funds allocated to each project. Each table shows a zero balance demonstrating that this TIP is fiscally constrained. This TIP is in compliance with INDOT's and FHWA's policies.

Rail-Highway Crossing Funds

These special funds improve railroad crossing safety. Unlike other federal funds, local agencies cannot request these funds. Projects are chosen by INDOT based on Federal Railroad Administration index ratings and benefit to cost analysis. Those having the highest ratings and the best benefit to cost ratio are chosen.

These funds will be used to improve the Norfolk Southern railroad crossings at West County Line Road and the CSX crossing on Lilly Road.

High Priority Program Funds

The High Priority Program (HPP) in SAFETEA-LU provided designated funding for specific projects. A total of 5,091 projects were identified, each with a specified amount of funding. The funds are available only for the identified project on an 80-20 federal-local share.

Two projects in this area were originally designated as HPPs and the funds were authorized to be used for the Perimeter Parkway in West Lafayette and Purdue University. A significant portion of funds were used to reconstruct Harrison Street on the south side of the Purdue Campus. The US Congress approved repurposing of unobligated HPP funds and the balance was used for preliminary engineering and construction on the Cherry Lane Extension project.

Transit & Airport Funding

Funding projections for transit projects, both operating and capital, are based on current and previous year funding levels. A detailed analysis of the financial condition and capability of CityBus is found in Section 10, Analysis of Financial Capacity: CityBus.

The Federal Aviation Administration sets limits for its funding categories. Funding for airport projects, both capital and operating, will remain at current levels. The Purdue Airport is seeking funding to purchase an aircraft rescue and fire fighting vehicle in FY 2018.

Local Funding Sources

The projects listed in **Table 4** show that a variety of local funding sources will be used in FY 2018 through FY 2021. A summary of these sources is shown in **Table 25**. The City of Lafayette anticipates using two local funds for its projects: Cumulative Bridge Funds (L2), and Tax Increment Financing (TIF). The City of West Lafayette anticipates using Cumulative Capital Funds (CCF), Economic Development Income Tax (EDIT), Motor Vehicle Highway Funds (MVHA), and Tax Increment Financing (TIF). The county anticipates using Cumulative Bridge Funds (CBF), Economic Development Income Tax (EDIT) and Local Road and Street Funds (LR&S) and Wheel Tax money.

Table 25: Source of Local Funds for Funded Local Projects

Fund	FY 2018	FY 2019	FY 2020	FY 2021
Lafayette				
TIF (L13)	0	0	0	0
CBF & TIF (L2 & L13)	65,729	121,972	761,933	388,800
Not Specified or Other	7,500	23,100	0	0
<i>Total</i>	<i>73,229</i>	<i>145,072</i>	<i>761,933</i>	<i>388,800</i>
West Lafayette				
TIF (L13)	505,000	4,335,000	5,694,037	0
CCF & EDIT (L3 & L4)	0	0	0	329,222
TIF & MVHA (L13 & L16)	0	663,247	0	0
<i>Total</i>	<i>505,000</i>	<i>4,998,247</i>	<i>5,694,037</i>	<i>329,222</i>
Tippecanoe County				
CBF (L2)	0	111,321	10,018	0
EDIT (L4)	0	208,040	0	0
CBF & EDIT (L2 & L4)	0	2,500,000	0	0
EDIT & LR&S (L4 & L9)	2,099,159	439,415	0	662,673
EDIT, Wheel Tax & LR&S (L4, L8 & L9)	6,869	0	275,311	0
Not Specified or Other	163,668	11,177	258,398	1,251,581
<i>Total</i>	<i>2,269,696</i>	<i>3,269,953</i>	<i>543,727</i>	<i>1,914,254</i>
Town of Battle Ground				
LR&S, MVHA & CLF (L9, 16 & 17)	0	0	0	0
<i>Total</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
CityBus				
CCF (L3)	505,617	388,600	388,600	388,600
COIT, CCF & LPT (L1, 3 & L10)	10,456,858	7,418,998	7,311,335	7,201,517
Not Specified or Other	306,855	210,656	0	0
<i>Total</i>	<i>11,269,330</i>	<i>8,018,254</i>	<i>7,699,935</i>	<i>7,590,117</i>
Purdue University Area				
TIF (L13)	60,000,000	0	0	0
<i>Total</i>	<i>60,000,000</i>	<i>0</i>	<i>0</i>	<i>0</i>

INDOT Funding

INDOT uses a variety of federal and state funds for its road and bridge programs. **Table 26** summarizes that information by source and year. INDOT is responsible for fiscally constraining its project list.

Table 26: INDOT Project Expenditures by Fund and Year

FY 2018			
Funding Type	Federal	State	Total
NHPP	14,490,665	3,573,604	18,064,269
HSIP	486,000	0	386,000
Section 130	40,000	0	40,000
STP	8,271,964	1,151,829	9,423,793
State Only	0	0	0
Total	23,288,629	4,725,433	28,014,062

FY 2019			
Funding Type	Federal	State	Total
NHPP	22,863,144	3,391,755	26,594,899
Section 130	640,000	0	640,000
STP	21,236,705	4,998,948	26,235,653
HSIP	528,166	134,541	672,707
NHS	86,400	9,600	96,000
State	0	2,059,000	2,059,000
Total	45,364,415	10,593,844	55,958,259

FY 2020			
Funding Type	Federal	State	Total
NHPP	8,884,824	1,126,425	10,011,249
STP	20,558,492	5,139,627	25,698,119
Total	29,443,316	6,266,052	35,709,368

FY 2021			
Funding Type	Federal	State	Total
NHPP	6,389,556	1,058,346	7,447,902
STP	7,490,964	1,872,739	9,363,703
NHS	0	0	0
Total	14,254,920	2,972,685	17,227,605

City and County Operations & Maintenance Financial Analysis

According to the guidance issued by the Federal Highway Administration, the financial plan shall contain system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain federal-aid highways. TIPs are required to examine previous years' operating and maintenance expenses and revenues, and then estimate whether there will be sufficient funds to maintain the federal-aid highway system for the next four years.

Both cities and the county have provided financial information from their Annual Operational Report for Local Roads and Streets. This report is required under Indiana Code 8-17-4.1. The information used in this analysis is from 2012 to 2015. Information for 2016 is not yet available from the local government agencies. Individual tables for each jurisdiction follow.

There are few clear trends among receipts, disbursements and differences for any jurisdiction. Receipts and disbursements fluctuate yearly. In some years increases or decreases were small, while in other years they were substantial. Overall, the difference has been positive with a few exceptions.

Comparing cash and investments at the beginning and end of the year presents a challenge because there are several years in which only cash was reported. Other than those years, the end balances for all jurisdictions show no overall increasing or decreasing trends. However, balances at the end of each year have always been positive.

Both cities and the county anticipate receiving adequate funding to continue operating and maintaining the federal-aid highways over the next four years. The three local governments prepare budgets every year which must be approved by the state. The information in the following exhibits is used to develop their budgets.

Table 27
City of Lafayette
Operating and Maintenance History, 2012 - 2015¹

	2012	2013	2014	2015
<i>Cash and Investments as of January 1</i>				
Balance	1,296,942.94	2,265,125.45	2,183,885.07	1,416,859.00
<i>Annual Information</i>				
<u>Receipts</u>				
MVH	4,311,510.91	4,393,488.99	4,647,796.48	4,813,931.00
LRS	582,366.34	551,982.17	602,740.00	690,893.00
LH	890,663.35	1,257,613.77	422,039.00	920,227.00
Other	0.00	0.00	0.00	0.00
Total	5,784,540.60	6,203,084.93	5,672,575.48	6,325,051.00
<u>Disbursements</u>				
MVH	3,847,224.25	4,033,431.75	4,647,053.00	5,278,751.00
LRS	771,060.59	485,653.01	1,470,666.38	508,570.00
Cum. Bridge	198,064.89	1,765,240.55	321,882.17	1,221,978.00
Other	0.00	0.00	0.00	0.00
Total	4,816,349.73	6,284,325.31	6,439,601.55	7,009,299.00
Total Receipts	5,784,540.60	6,203,084.93	5,672,575.48	6,324,051.00
Total Disbursements	4,816,349.73	6,284,325.31	6,439,601.55	7,009,299.00
Difference	968,190.87	-81,240.38	-767,026.07	-684,248.00
<i>Cash and Investments as of December 31</i>				
Balance	2,265,133.81	2,183,885.07	1,416,859.00	732,611.00

¹ Cash and Investment information is based on audited financial statements from the City of Lafayette. Capital assets are excluded to reflect more appropriate comparisons with previous years.

Table 28
City of West Lafayette
Operating and Maintenance History, 2012 - 2015

	2012	2013	2014	2015
<i>Cash and Investments as of January 1</i>				
Balance	7,349,495.78	1,622,678	1,982,500	2,628,452.12
<i>Annual Information</i>				
<u>Receipts</u>				
MVH	4,705,118.55	1,316,654	680,383	1,703,648.08
LRS	838,306.29	224,218	231,795	288,188.85
Other Funds	24,513,229.6	4,767,447	8,035,315	82,711.34
Total	30,056,654.45	6,308,320	8,947,493	2,065,604.39
<u>Disbursements</u>				
MVH	3,577,797.01	1,272,810	942,382	1,715,746.37
LRS	593,951.56	136,403	244,797	288,188.85
Other	20,525,398.4	4,781,810	8,277,841	82,711.34
Total	24,697,147.03	6,191,023	9,465,020	2,086,646.56
Total Receipts	30,056,654.4	6,308,320	8,947,493	2,065,604.39
Total Disbursements	24,697,147.0	6,191,023	9,465,020	2,086,646.56
Difference	5,359,507.42	117,297	-517,527	-21,042.17
<i>Cash and Investments as of December 31</i>				
Balance	12,709,003.20	1,839,975	1,464,973	2,607,409.95

Table 29
Tippecanoe County
Operating and Maintenance History, 2012 - 2015

	2012	2013	2014	2015
<i>Cash and Investments as of January 1</i>				
Balance	5,011,068.26	7,212,953.84	9,681,928.91	8,334,591.82
<i>Annual Information</i>				
<u><i>Receipts</i></u>				
MVHs	3,192,697.67	3,758,521.74	4,507,731.61	4,498,803.68
LRS	963,452.56	941,423.93	923,665.54	901,310.04
Cum. Bridge	2,591,620.28	3,718,874.41	3,000,999.52	2,967,209.56
Other	4,617,150.61	4,622,197.74	0.00	6,521,637.58
Total	11,364,921.12	13,041,017.82	8,432,396.67	14,888,960.86
<u><i>Disbursements</i></u>				
MVH	2,577,169.53	3,098,319.31	41,92,978.23	3,210,415.56
LRS	659,229.02	710,874.72	968,903.78	1,010,515.83
Cum. Bridge	2,204,660.71	2,141,650.98	3,085,453.10	3,552,200.75
Other	3,720,807.28	5,343,480.16	0.00	5,574,736.47
Total	9,161,866.54	11,293,325.17	8,247,734.11	13,347,868.61
Total Receipts	11,364,921.12	13,041,017.82	8,432,396.67	14,888,960.86
Total Disbursements	9,161,866.54	11,293,325.17	8,247,734.11	13,347,868.61
Difference	2,203,054.58	1,747,692.65	185,022.56	1,541,092.25
<i>Cash and Investments as of December 31</i>				
Balance	7,214,122.84	8,960,646.49	9,866,951.47	9,875,684.07

8. Project Selection and Priorities

The Technical Transportation Committee reviews requests for federal funds and recommends projects to be funded. Its review includes discussing issues pertaining to safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality and environmental sustainability. The limited amount of federal funds constrains the projects that can be programmed.

The FAST Act requires the planning process use a performance-based approach in the decision making process. States are required to set performance targets within one year of the USDOT's final ruling on performance measures. MPOs are then required to establish their own performance targets 180 days thereafter. INDOT has not yet set its performance targets.

The follow performance measures were used by the committee in selecting and prioritizing projects in this TIP:

- a) Is the project in the 2040 MTP?
- b) Is the project in the 2040 MTP financially constrained list?
- c) Was the project previous programmed and is it advancing?
- d) How far has the project advanced?
- e) Does the project include sidewalks, bike lanes or trails?
- f) Is the project complete street compliant?
- g) Will the project be designed to meet ADA standards?
- h) Does the project meet the performance measures outlined in the 2040 MTP?
- i) Need for access management.

Additionally, RFIs have been completed for all projects that have not begun preliminary engineering. The areas of possible environmental concerns were identified.

The process used in selecting and prioritizing the projects in this TIP followed the methodology cited above. The Technical Transportation Committee reviewed and prioritized the requests on February 15, 2017. The Policy Board reviewed prioritized list on March 9, 2017 and approved it as well.

STBG, HSIP & TA Project Selection/Priority Review

There are some changes in priorities between this TIP and the previous one. Several new projects were added (Twyckenham Trail and Park East Boulevard) and some were dropped (Star City Trail and South 9th Street). Many of the projects that received top priorities in the previous TIP advanced. Those projects shown in the later years in last year's TIP also advanced and were assigned a higher priority in this TIP.

INDOT Projects

The Technical Transportation Committee also identified and recommended various INDOT projects that are a priority to the community. The recommendation did not include any safety and maintenance projects. **Table 30** shows the recommended projects.

Table 30: Recommended INDOT Priority Projects

State Road	Location	Description
SR 26	1.12 east of I-65 to county	Various Improvements
SR 43	SR 225 to SR 28	Road Replacement
US 52	0.4 to 2.1 mi north of US 231	HMA Overlay
US 52	Old Romney Rd to Old US	Road Reconstruction
Teal	US 52 to SR 38	New Road
US 52	At Cumberland Avenue	Intersection Improvement
US 231	US 52 to I-65	New Road Construction
US 231	I-65 to SR 43	New Road Construction
US 231	CR 500S south to county line	Road Widening

Complete Street Determination

The Complete Streets Policy was adopted as part of the **2040 MTP**. Its goal is to create an equitable, balanced and effective transportation system where every roadway user can travel safely and comfortably, and where sustainable transportation options are available to everyone.

When a TIP is being developed, the Policy requires the Technical Transportation Committee to review federally funded project descriptions and then make a recommendation to the Policy Committee whether projects are compliant or exempt. All local projects seeking federal funds in the FY 2018-2021 TIP were found to be compliant. All of the new projects reviewed by the Committee on February 15, 2017 were also determined to be compliant. The following projects were reviewed:

Lafayette: All projects requesting federal funds have been determined to be complete street compliant previously.

West Lafayette: All projects requesting federal funds have been determined to be complete street compliant previously.

Tippecanoe County: McCutcheon Pedestrian Safety & Harrison Safety Improvements. All of the other projects have been determined to be complete street compliant previously.

9. Project Performance Review

The FAST Act requires TIPs to include, to the maximum extent practicable, a description of the anticipated effect of the transportation improvement program toward achieving the performance targets established in the Metropolitan Transportation Plan, linking investments priorities to those performance targets. This is done for several reasons. First, it insures that our federal transportation dollars are invested wisely. Second, the comparison shows whether the projects in this TIP meet and address the performance measures identified in the **2040 MTP**.

The vision and objectives spelled out in the **2040 MTP** address five areas that are important to the community. They include a mixture of goals from previous plans along with new emphasis areas. The five objectives include:

- a) Improve sustainability,
- b) Preserve the capacity and improve efficiency of existing facilities,
- c) Enhance mobility and accessibility,
- d) Improve the safety and security of all road users, and
- e) Reduce the effects of climate change

Improve Sustainability.

This performance measure targets the long term maintenance of our economy, environment, and social institutions. All of the local projects in this TIP that involve reconstruction and added capacity and those addressing cycling and walking needs are derived from the **2040 MTP**. The projects are also derived from the **Comprehensive Land Use Plan** and its focus on orderly and compact growth which strengthens our economy, environment and social institutions.

Preserve the capacity and improve efficiency of existing facilities.

This performance measure aims to reduce the number of vehicle miles traveled, maintaining peak period travel time, and access management. The projects in this TIP reduce travel time by strengthening and improving network circulation. The projects are part of the circular and radial connectivity envisioned by the **2040 MTP**. With improved network connectivity, persons and goods flow more efficiently in and through the community.

Enhance mobility and accessibility.

This performance measure addresses nontraditional travel modes; specifically walking, cycling, and transit. All of the local projects within this TIP, except those addressing maintenance issues, include components for all three. All of the reconstruction and widening projects contain a sidewalk on one side with a multiuse trail on the other side. These two components enhance transit by offering a safe path to bus stops.

Improve the safety and security of all road users.

The goal of this performance measure includes reducing crashes, and ensuring projects use the latest design standards to minimize conflicts between all transportation modes.

Projects using safety funds are derived from analysis or are programmatic projects with known safety benefits. Reconstruction, added capacity, and new construction projects are designed to meet current design standards for all transportation modes as well as ADA standards.

Reduce the effects of climate change.

The projects in this TIP reduce the effects of climate change by offering more opportunities for those who normally use motor vehicles to switch to other travel modes. The projects not only include facilities specifically for pedestrians and cyclists, but also improve connectivity to existing facilities, thus making it easier for citizens to switch travel modes.

INDOT Projects

The INDOT list of projects mostly addresses maintenance and safety issues. They not only support the sustainability goal, they also preserve capacity and improve the efficiency of our existing facilities.

Moving Toward National Performance Measures

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) issued new transportation planning rules on the statewide and metropolitan transportation planning processes (May 27, 2016) to reflect the use of a performance based approach to decision-making in support of the national goals. These processes must document in writing how the Metropolitan Planning Organizations (MPOs), Indiana Department of Transportation (INDOT) and providers of public transportation shall jointly agree to cooperatively develop and share information related to transportation performance data, the selection of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO (see 23 CFR 450.306(d)) and the collection of data for the INDOT asset management plan for the National Highway System specified in 23 CFR 450.314(h).

FTA has performance measures for Transit Asset Management, and final regulations are published and in effect. FHWA has performance measures and final regulations published for Safety, Bridge and Pavement Conditions, Congestion Reduction and System Reliability, but only the Safety Performance Measure regulation is in effect at this time.

INDOT along with the MPOs and FHWA will continue to collaborate to identify Performance Targets for each Performance Measure. Once Performance Targets are established, the Transportation Improvement Program (TIP) and Statewide Transportation Improvement Program (STIP) will be modified to reflect this information.

For FHWA and FTA to approve any TIP amendments after May 27, 2018, the INDOT, MPOs and Public Transit Operators must reflect this information and describe how projects in the TIP/STIP, to the maximum extent practicable, achieve the Federally required performance targets identified in the Statewide and Metropolitan Transportation Plans, linking investment priorities to these performance targets.

The national performance goals for the Federal Highway programs are:

Safety – to achieve a significant reduction in traffic fatalities and serious injuries on all public roads.

Infrastructure condition – To maintain the highway infrastructure asset system in a state of good repair.

Congestion reduction – To achieve a significant reduction in congestion on the National Highway System (NHS).

System reliability – To improve the efficiency of the surface transportation system.

Freight movement and economic vitality – To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.

Environmental sustainability – To enhance the performance of the transportation system while protecting and enhancing the natural environment.

Reduced project delivery delays – To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

Specific performance measures in development:

Safety

The INDOT, the MPOs, FHWA, and Indiana Criminal Justice Institute (ICJI) are actively discussing and collaborating on the Safety Performance Measures and Safety Performance Targets. INDOT will submit their Safety Performance Measures by August 31, 2017, and the MPOs will have until February 27, 2018 to follow INDOT's submission to either support the INDOT Safety Targets or set independent targets. The Highway Safety Improvement Program (HSIP) is a primary source of federal funds for qualifying safety improvement projects. HSIP along with other funding sources are used to implement safety improvements with the purpose to reduce roadway crashes, and a corresponding reduction in fatalities and serious injuries on all public roads. The five specific safety performance measures are:

- 1) Number of fatalities;
- 2) Rate of fatalities;
- 3) Number of serious injuries;
- 4) Rate of serious injuries; and
- 5) Number of non-motorized fatalities and non-motorized serious injuries

If FHWA makes effective the rules they have published for assessing pavement and bridge condition for the National Highway Performance Program and performance of the National Highway System (NHS), freight movement on the Interstate System and Congestion

Mitigation and Air Quality (CMAQ) improvement program, INDOT and the MPOs will have to establish performance targets for these measures, too.

Pavement and Bridge

The pavement and bridge condition performance measures are applicable to the Interstate and non-Interstate Highways that comprise the National Highway System (NHS). The NHS includes the Interstate Highway System as well as other roads important to the nation's economy, defense, and mobility. The measures are focused on the condition of pavement and bridges, including ramps utilized to access the system. There are four measures to assess pavement condition and two measures for assessing bridge condition.

Pavement Performance Measures

- 1) Percentage of pavements of the Interstate System in Good condition
- 2) Percentage of pavements of the Interstate System in Poor condition
- 3) Percentage of pavements of the non-Interstate NHS in Good condition
- 4) Percentage of pavements of the non-interstate NHS in Poor condition

Bridge Performance Measures

- 1) Percentage of NHS bridges classified as in Good condition
- 2) Percentage of NHS bridges classified as in Poor condition

The INDOT, the MPO and FHWA will collectively develop targets for the pavement and bridge performance measures. The National Highway Performance Program is a core Federal-aid highway program that provides financial support to improve the condition and performance of the NHS, and the construction of new NHS facilities. INDOT utilizes these funds for maintenance activities on the NHS.

System Performance

The system performance measures are also applicable to the Interstate and non-Interstate NHS. These performance measures assess system reliability and freight movement, and establish several measures for on-road mobile source emissions consistent with the Congestion Mitigation and Air Quality (CMAQ) Program. There are two measures for assessing reliability, one measure to assess freight movement, and three measures for the CMAQ program.

Reliability Performance Measures

- 1) Percent of the Person-Miles Traveled on the Interstate System That Are Reliable
- 2) Percent of Person-Miles Traveled on the Non-Interstate NHS That Are Reliable

Freight Movement Performance Measure

- 1) Truck Travel Time Reliability (TTTR) Index

CMAQ Measures

- 1) Annual Hours of Peak-Hour Excessive Delay Per Capita Percent of Non-SOV Travel
- 2) Percent Change in Tailpipe CO₂ Emissions on the NHS Compared to the Calendar Year 2017 Level
- 3) Total Emissions Reductions

Transit Performance Measures

The Transit Asset Management Final Rule requires transit providers to set performance targets for state of good repair by January 1, 2017. The Planning Rule requires each MPO to establish targets not later than 180 days after the date on which the relevant provider of public transportation establishes its performance targets. MPOs must establish their state of Good Repair targets before June 30, 2017.

CityBus has established their 2017 State of Good Repair performance targets and they are:

- 1) Rolling Stock – Percent of revenue vehicles that have met or exceeded their useful life benchmark.

Performance Measure	2017 Target (%)
Articulated Bus (AB)	50 %
Bus (BU)	20 %
Cutaway (CU)	10 %

- 2) Equipment – Percent of service vehicles that have met or exceeded their useful life benchmark

Performance Measure	2017 Target (%)
Automobiles	25 %

- 3) Facility– Percent of facilities rated below 3 on the condition scale

Performance Measure	2017 Target (%)
Passenger / Parking Facilities	10 %
Administrative / Maintenance	10 %

The Area Plan Commission adopts CityBus's 2017 performance targets as the MPO targets.

In comparing the performance targets to the anticipated capital projects, CityBus is exceptionally proactive in keeping the transit system in good repair. The transit system's annually program of projects include maintenance and vehicle replacement projects. In CY 2017, CityBus plans to replace two articulated buses and one regular size bus. The transit system also seeks Section 5339 funds to replace another articulated bus.

Detailed project information by calendar year can be found on pages 57 through 65.

10. Analysis of Financial Capacity: CityBus

The MPO has, in accordance with the requirements of FTA Circular 7008.1, made an assessment of the Greater Lafayette Public Transportation Corporation's (CityBus) financial condition and capability. Historic trends are shown in **Tables 31** and **32**. Projected revenue (**Table 33**) will meet future operating and capital needs from fares, passes, local taxes, and state Public Mass Trans Funds (PMTF) in conjunction with federal assistance.

Financial Condition Review

There are primarily four funding sources used by the transit system. CityBus receives revenue from the National Transit Trust Fund, apportioned by Congress each year. Funds from the state's PMTF are used to meet both operating and capital needs. Local funds are generated from operating revenue (fares, passes, advertising and tokens) and local taxes (property tax, county option income tax, and excise tax).

The annual federal apportionment and the percent change are shown in **Table 31**. Generally, CityBus has experienced an increase in federal funding. Funding did decrease in FY 2014, but that was mostly due to INDOT reducing the amount of Section 5307 funds for Section 5339 capital funds. The total apportionment for that year was \$3,092,663. The 2017 apportionment is anticipated to remain at the same level or slightly increase due to the FAST Acts funding formulas.

Additionally, CityBus has received special federal funds. FTA's Small Transit Intensive Cities (STIC) program awards funds to transit systems based on six industry performance measures. They are: passenger miles per vehicle revenue mile, passenger miles per vehicle revenue hour, vehicle revenue mile per capita, vehicle revenue hour per capita, passenger miles per capita, and passenger trips per capita. CityBus has met and exceeded the performance criteria for the past six years. In 2016, CityBus met five of the criteria and received \$947,159.

Table 31: Federal Funds Available to CityBus

CY Year	Total Apportionment	Percent Change	STIC funds
2011	\$2,209,597		\$388,819
2012	\$2,220,962	0.5%	\$394,545
2013	\$3,017,255	35.9%	\$721,842
2014	\$2,216,663*	-26.5%	\$768,065
2015	\$3,074,325	38.7%	\$504,224
2016	\$3,312,130	7.7%	\$947,159

*Note, Federal funding was reduced by INDOT in trade for Section 5339 funds.

Table 32: CityBus Financial Condition
(Information is shown by Calendar Year)

	2012	2013	2014	2015	2016
Operating Expenses by Revenue Source					
Operating ¹	3,230,361	2,821,349	3,353,861	3,482,417	3,472,090
% Change		6.7%	-2.7%	3.8%	-0.3%
Local ²	2,872,321	2,003,562	3,368,288	1,863,823	3,087,943
% Change		-30.2%	68.1%	-44.7%	65.7%
State (PMTF)	3,952,341	3,780,997	4,015,882	4,177,487	4,128,955
% Change		-4.3%	6.2%	4.0%	-1.2%
Federal	2,220,962	3,017,255	2,216,663	3,074,325	3,312,130
% Change		35.9%	-26.5%	38.7%	7.7%
Section 5309	0	0	0	0	0
Section 5316	531,840	358,750	0	0	44,644
Section 5317	35,450	892,918	0	0	0
Section 5339			1,657,420	0	857,392
Total Operating Expenses	12,843,275	13,478,708	14,612,114	12,598,052	14,001,118
% Change		4.8%	8.4%	-13.8%	11.1%
Capital Expenses by Revenue Source					
Local ³	92,735	923,563	594,597	1,126,721	1,541,753
Federal	797,592	3,694,252	2,378,386	4,506,885	6,167,012
Total Capital Expenses	890,327	967,500	2,972,983	5,633,606	7,708,765

Source: Indiana Public Transportation Annual Report: 2012, 2013, 2014 & 2015
Greater Lafayette Public Transportation Corporation: 2016
All Figures are Unaudited

¹ Funding sources derived from Fares, Passes, Advertising and Tokens

² Funding sources derived from Property Tax, County Option Income Tax, and Excise Tax

³ Capital projects reflect both Section 5307 Capital and capital grants solely funded from local funds

⁴ Federal funding was reduced by INDOT in trade with Section 5339 funds

Funding from the State's PMTF has increased every year except 2013 and 2016 (**Table 32**). The formula INDOT uses to distribute funds is based solely on performance measures. Since CityBus is successful at marketing itself and ridership continues at a high level, the amount of PMTF funds received continues to be substantial.

Funds received through fares, passes, tokens, and advertising (listed under operating revenues in **Table 32**) have increased over the past five years. There was a slight decreased in 2014.

Revenues generated from local taxes (listed under local revenue) have fluctuated. These funds come from three different sources: property tax, county option income tax, and excise tax. Of the three, the excise tax has been the most reliable source and steadily increased. Property tax revenue fluctuates every year. While the trend during the first three years was increasing, the past two years it has decreased. This could be a result of the property tax caps that started several years ago.

Financial Capability Review

CityBus anticipates it will receive adequate funding to continue operating the system through the next four years (**Table 33**). Operating costs are anticipated to slightly increase every year. Projected revenues are anticipated to increase or remain constant and should be more than sufficient to meet projected expenses. Comparing projected operating and capital costs to total projected revenue, **Table 33** clearly shows there will be adequate funds available. These projections include all local, state PMTF, and federal assistance.

With passage the FAST Act, CityBus foresees that federal Section 5307 funds will remain constant with a slight increase.

State PMTF funds are anticipated to remain constant with only a slight annual increase. The funding formula rewards transit systems that operate efficiently. Past annual reports clearly show that CityBus leads the state in system performance. If CityBus continues to operate as efficiently as it has, then state funds should at least remain stable if not continue to increase. However, given the state budget issues the funding levels may change and CityBus would have to make concomitant changes.

Local funding sources are also anticipated to increase over the next five years. At this time, funds generated from fares, passes, advertising and tokens are expected to steadily increase (2.0% annually). Likewise, funds generated from taxes should increase (2.0% annually).

Table 33: CityBus Financial Capability
(Information is shown by Calendar Year)

	2017	2018	2019	2020	2021
Projected Revenues					
Operating ¹	3,513,332	3,583,599	3,655,271	3,728,376	3,802,944
% Change		2.0%	2.0%	2.0%	2.0%
Local ²	2,902,642	2,960,695	3,019,909	3,080,307	3,141,913
% Change		2.0%	2.0%	2.0%	2.0%
State (PMTF)	4,122,000	4,122,000	4,163,220	4,204,852	4,246,901
% Change		0.0%	1.0%	1.0%	1.0%
Federal					
Sec 5307	3,296,930	3,418,471	3,445,940	3,514,859	3,585,156
%Change		2.5%	0.8%	2.0%	2.0%
Sec 5339	353,725	485,760	0	0	0
Sec 5310	96,984	0	0	0	0
Sec 5310	108,204	0	0	0	0
Carry Over MACOG	301,486	237,692 1,000,000	60,341	163,627	197,988
Total	14,695,303	15,808,217	14,344,680	14,692,021	14,974,901
Projected Operating Costs					
	11,842,233	12,617,674	12,357,644	12,728,374	13,110,225
Projected Capital Costs					
	2,850,281	3,135,283	1,554,400	1,554,400	1,554,000
Projected Operating and Capital Costs					
Total	14,692,514	15,752,957	13,912,044	14,282,774	14,644,625

Source: Greater Lafayette Public Transportation Corporation

¹ Funding sources derived from Fares, Passes, Advertising and Tokens

² Funding sources derived from Property Tax, County Option Tax, and Excise Tax

Section 5307 Capital Expenditure, Justification & Summary for CY 2017

1. Replacement Tires, \$70,000

Des #1382381

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Four (4) Bus Engines, \$61,000

Des #1382382

Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

3. Rebuild up to Three (3) Bus Transmissions, \$74,000

Des #1382383

In 2017 GLPTC's first hybrid buses, purchased in 2007, will enter their tenth year of service. There are currently 22 hybrid buses in the fleet, ranging in age from two to seven years. Repair or replacement of hybrid transmission components such as hybrid drives and batteries can cost as much as \$50,000. GLPTC anticipates repairing or replacing transmission components for one hybrid bus in 2017.

4. Bus Rebuild Components, \$28,000

Des #1382384

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$50,000

Des #1382385

GLPTC has invested heavily in information technology systems to manage the operation of public transportation service and to provide real-time passenger information to riders. Our operation and riders depend on these services to be reliable. CityBus is programming additional funds for necessary upgrades and replacements of old technology systems in CY 2017. Many of the systems to be replaced are five years old or older.

6. Fixe Route Buses, \$1,900,000

Des #1382386

In 2015 GLPTC entered into a contract with New Flyer of America for Compressed Natural Gas (CNG) buses at a lower cost per unit than GLPTC anticipated when the TIP was first produced. At that time, more expensive hybrid buses were being procured. This project's total cost will be reduced by \$265,125. GLPTC is changing the quantity of full-sized buses to be replaced in 2017 to allow for greater flexibility in bus procurements depending upon negotiation of a multi-year operating contract with Purdue University. Currently there are eleven articulated buses in the fleet, six of which date to 1998 which is many years past useful life. If the contract with Purdue is extended, GLPTC will procure two 60' articulated buses to replace two of the 1998 New Flyer Articulated Buses (#715, #716, #717, #718, #719, or #720), and one 40' bus (2002 Gillig Bus #1202). If the contract is not extended then GLPTC will purchase four 40' buses to replace 2002 Gillig Buses #1202, #1203, #1204, and #1205, as exists in the 2017 annual element. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12

years in age, and all new buses will use CNG fuel.

7. Security Cameras for Vehicles, \$60,000

Des #1500388

In addition to the security cameras already programmed, the project amount is being increased by \$30,000 for a pilot program that will utilize bus camera systems in a collision avoidance system. The pilot will involve installation of these systems on up to five buses. The goal of these systems is to improve pedestrian and bicyclist safety by scanning blind zones around the bus and issuing warnings when pedestrians and cyclists are detected in these zones.

8. Office Equipment, \$8,000

Des #1700066

GLPTC needs to replace the office copier which will be five years old in 2017. GLPTC is seeking additional capabilities including OCR scanning and color printing in the new copier. Estimated cost is \$8,000.

9. Shop Lighting Upgrades, \$61,000

Des #1700067

Lighting in the wash bay and bus storage area needs to be replaced with energy-efficient and brighter LED lighting. Existing lighting was installed when the facility was built in 1974.

10. Paratransit Bus, \$78,832

Des #1700068

INDOT awarded GLPTC CY2017 Section 5310 funds for the purchase of two replacement paratransit buses at a total cost of \$157,664. In CY2017 GLPTC will replace one of the buses (the second bus will be programmed for replacement in CY2018). Paratransit Bus #442, a 2011 Supreme, will be replaced with a new paratransit bus. The bus will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D at the age of six years at time of replacement.

11. Travel Training Program, \$56,423

Des #1700069

INDOT awarded GLPTC CY2017 Section 5310 funds for the continuation of our travel training program for CY2017. This program provides in-person training to senior citizens and people with disabilities to help them navigate and use GLPTC's fixed route and ADA paratransit services. The total cost of this program is \$56,423.

Table 34: CY 2017 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	59,200	14,800	74,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software Upgrade	40,000	10,000	50,000
Fixed Route Buses	1,520,000	380,000	1,900,000
Security Cameras for Vehicles	48,000	12,000	60,000
Office Equipment	6,400	1,600	8,000
Shop Lighting Upgrades	48,800	12,200	61,000
Paratransit Bus	63,066	15,766	78,832
Travel Training Program	45,138	11,285	56,423
TOTAL	1,926,500	481,625	2,408,125

Section 5307 Planning Expenditure, Justification & Summary for CY 2017

Bus Stop Evaluation, \$10,000

Des #1700070

GLPTC will conduct a detailed evaluation of all 819 bus stops in use throughout the system. This evaluation will consider ADA accessibility, pedestrian access, and condition assessment which will help GLPTC prioritize future infrastructure investment. The total project cost is \$10,000.

Section 5310 & 5339 Funds Summary for CY 2017

Route 9 Continuation (Enhanced Mobility Funds)

Des #1700781

In 2015, CityBus received New Freedom funding to extend service to IU Arnett and the surrounding medical offices. CityBus began service to this area in July 2016, and extended service to IU Arnett after the completion of Phase 3 of the Restore Sagamore project. Since the new route began, CityBus has provided 50,175 revenue miles, 3,624 revenue hours, and 17,123 passenger trips. CityBus is requesting New Freedom operating funds to extend the route an additional six months through January 2018.

Fixed Route Buses (Section 5339 Funds)

Des #1382386

CityBus is requesting federal funds toward the partial federal share for one (1) 60' articulated bus. Sec. 5307 formula funds are programmed for the replacement of four of these buses with funds remaining toward part of the expense for a fifth replacement bus. CityBus is requesting \$353,725 in Sec. 5339 funds (matching \$151,680 in Sec. 5307 funds) to complete the 80% federal share for the fifth bus.

Section 5307 Capital Expenditure, Justification & Summary for CY 2018

1. Replacement Tires, \$70,000

Des #1400660

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full-size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Two (2) Bus Engines, \$30,500

Des #1400661

Repair and replacement of engines has decreased due to preventive maintenance and manufacturer warranties. CityBus anticipates repairing and/or replacing two engines in 2018 at an average cost of \$15,250 each.

3. Rebuild or Replace Bus Transmissions, \$80,000

Des #1400662

CityBus anticipates repairing and/or replacing transmission in CY 2018 at higher costs than in previous years. There are currently 22 hybrid buses in the fleet, ranging in age from three to eight years. Repair or replacement of hybrid transmission components such as hybrid drives, and batteries can cost as much as \$50,000.

4. Bus Rebuild Components, \$28,000

Des #1400663

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$104,000

Des #1400664

CityBus will continue to focus on disaster recovery and procure software to increase efficiency and accuracy. CityBus has invested heavily in information technology systems to implement a disaster recovery plan. A large portion of the funds requested will be used to purchase a backup server that will be off-site and be a duplicate of the current system. The plan is to minimize down-time in a catastrophic event. CityBus is also planning to invest in a grants management module to be incorporated within the existing enterprise system.

6. Paratransit Bus Replacement, \$81,583

Des #1700409

INDOT awarded CityBus CY 2017 Section 5310 funds for the purchase of two replacement paratransit buses at a total cost of \$157,664. In CY 2018 CityBus will replace #443 a 2011 Supreme with the remaining available funds of \$65,266, an amendment increase of \$2,066 (the first bus was programmed for replacement in CY 2017). The paratransit bus will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D at the time of replacement.

7. Support Vehicle, \$40,000

Des #1400665

Replace the 2008 Ford F-250 truck. The support vehicle to be replaced was purchased in 2007. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

8. Fixed Route Bus Replacement, \$1,725,000

Des #1400666

Due to the age and condition of several buses in the fleet, CityBus desires to purchase two 40' buses and one 60' bus to replace 2005 Gilligs #1401, #1402 and #1403. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age, and all new buses will use CNG fuel.

9. Coin Counter for Vault Room, \$8,000

Des #1700410

The coin counter used in the vault room to count fare revenue and prepare for deposit is over 25 years old and is need of replacement. The device jams frequently and does not recognize one-dollar coins. It is time to replace this item used daily in the vault room.

10. Vehicle Camera System, \$35,000

Des #1500389

CityBus will replace outdated equipment for vehicle security camera systems that are no longer being supported by the manufacturer. FTA requires 1% of the Section 5307 funds to be used for security-related transit enhancements.

11. Office Equipment, \$8,000

Des #1700411

GLPTC needs to replace several office printers, passenger displays, and other equipment that are beyond their useful life and are no longer supported by the manufacturer.

12. Rehab Facility, \$100,000

Des #1800093

GLPTC need to make repairs to the bus wash and rehab/replace garage doors for the bus barn and maintenance building, in addition to smaller rehab projects. Estimated cost is \$60,000 for bus wash and \$40,000 for garage doors.

13. Solar Wayside Signage, \$88,000*Des #1800094*

GLPTC will replace hardwired wayside signs with solar wayside signs. The signs will be placed at bus stops with high ridership, serve multiple routes, or both. Real-time data increases passenger certainty and may drive ridership.

14. Mobile Phone App, \$10,000*Des #1800095*

GLPTC will replace an expensive, cumbersome mobile app with a mobile app that can integrate with current CAD/AVL software. This change will make real-time data available to community with increase efficiency.

Table 35: CY 2018 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Bus Overhauls: Engines	24,400	6,100	35,500
Bus Overhauls: Transmissions	64,000	16,000	80,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware & Software	83,200	20,800	104,000
Paratransit Bus	65,266	16,317	81,583
Support Vehicle	32,000	8,000	40,000
Bus Replacement	1,380,000	345,000	1,725,000
Coin Counter for Vault Room	6,400	1,600	8,000
Security Cameras for Vehicles	28,000	7,000	35,000
Office Equipment	6,400	1,600	8,000
Rehab Facility	80,000	20,000	100,000
Solar Wayside Signage	70,400	17,600	88,000
Mobile Phone App	8,000	2,000	10,000
TOTAL	1,924,466	481,617	2,408,083

Section 5307 Planning Expenditure, Justification & Summary for CY 2018

Strategic Planning, \$60,000*Des #1700412*

CityBus will look to the future through the development of a new five-year strategic plan. Work will include conducting needs analysis, review of leadership's aspirations for CityBus, articulating our mission for the next five years, understand our strengths, weaknesses, opportunities and threats, establish long-term goals and yearly objectives, and developing specific actions plans (tactics). Part of this process will also involve hiring consulting firms to conduct rider and no-rider surveying throughout the community and a boundary and taxation review and analysis. CityBus will also hold focus groups of business and elected leaders and non-profit organizations. Research will be done on new technology for use in public transit.

Software, \$60,000*Des #1800096*

CityBus will invest in run-cutting software to increase service efficiency and reduce redundancy.

Section 5339 & STBG Funds Summary for CY 2018 & FY 2019, Des #1801629

Pedestrian and Bicycle Detection System, \$607,200

CityBus will purchase and install a detection system on its entire fixed route vehicle fleet. The new system provides an extra measure in preventing vehicle-to-pedestrian and vehicle-to-bicycle incidents.

Sidewalks, Bus Shelter, ADA Facilities and Other Transit Related Infrastructure, \$362,833

Through a Memorandum of Agreement, the balance of FY 2019 STBG funds were transferred to CityBus. These funds are intended for infrastructure improvements and target improving bus stops and connecting them to existing sidewalks.

Section 5307 Capital Expenditure, Justification & Summary for CY 2019

1. Replacement Tires, \$70,000

Des #1500390

With nearly 1.7 million miles of fixed route revenue service operated annually, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Five (5) Bus Engines, \$61,000

Des #1500391

Due to age, CityBus anticipates the need to rebuild up to five (5) engines in 2019 at an average cost of \$12,200 each.

3. Rebuild up to Four (4) Bus Transmissions, \$74,000

Des #1500392

CityBus anticipates the need to rebuild up to three (3) transmission rebuilds. Estimated average cost of each transmission rebuild is \$6,000. CityBus also plans for the replacement of the battery and drive for one hybrid bus at \$50,000.

4. Bus Rebuild Components, \$28,000

Des #1500393

Based upon previous experience, CityBus anticipates the need to purchase major bus components including turbochargers, alternators, ECM's, fuel pumps, etc. Estimated average cost of each unit rebuild is \$1,000 and twenty-eight (28) units are anticipated.

5. Computer Hardware and Software, \$50,000

Des #1500394

A continuous investment must be made to keep information technology systems up-to-date, including system components for the dispatch center, automated vehicle location systems, and computers for administrative and maintenance functions. Many computer systems need to be updated or replaced every two to three years in order for systems to operate effectively.

6. Support Vehicle, \$30,000

Des #1500395

Replace the 2009 Ford Econoline Van. The support vehicle to be replaced was purchased in 2009. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

7. Bus Replacement, \$1,600,000

Des #1500396

Due to the age and condition of several buses in the fleet, CityBus desires to purchase up to three (3) replacement full-sized buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age and are becoming increasingly too expensive to maintain. CityBus will replace 2007 buses #1501, 1502, and 1503.

8. Security Cameras for Vehicles, \$30,000

Des #1500399

FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements. CityBus will acquire security cameras system for new revenue vehicles.

Table 36: CY 2019 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	59,200	14,800	74,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software	40,000	10,000	50,000
Support Vehicle	24,000	6,000	30,000
Bus Replacement	1,280,000	320,000	1,600,000
Security Cameras for Vehicles	24,000	6,000	30,000
TOTAL	1,554,400	388,600	1,943,000

Section 5307 Capital Expenditure, Justification & Summary for CY 2020

1. Replacement Tires, \$70,000

Des #1700414

With nearly 1.7 million miles of fixed route revenue service operated annually, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Five (5) Bus Engines, \$61,000

Des #1700415

Due to age, CityBus anticipates the need to rebuild up to five (5) engines in 2020 at an average cost of \$12,200 each.

3. Rebuild up to Four (4) Bus Transmissions, \$74,000

Des #1700416

CityBus anticipates the need to rebuild up to three (4) transmission rebuilds. Estimated average cost of each transmission rebuild is \$6,000. CityBus's also plans for the replacement of the battery and drive for one hybrid bus at \$50,000.

4. Bus Rebuild Components, \$28,000

Des #1700417

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$50,000

Des #1700418

A continuous investment must be made to keep information technology systems up-to-date, including system components for the dispatch center, automated vehicle location systems,

and computers for administrative and maintenance functions. Many computer systems need to be updated or replaced every two to three years in order for systems to operate effectively.

6. Support Vehicle, \$30,000

Des #1700419

Replace the 2012 Ford Edge. The support vehicle to be replaced was purchased in 2012. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

7. Bus Replacement, \$1,600,000

Des #1700420

Due to the age and condition of several buses in the fleet, CityBus desires to purchase up to three (3) replacement full-sized buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age and are becoming increasingly too expensive to maintain. CityBus will replace 2007 buses #1504, 1505, and 1506.

8. Security Cameras for Vehicles, \$30,000

Des #1700421

FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements. CityBus will acquire a security cameras system for new revenue vehicles.

Table 37: CY 2020 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	59,200	14,800	74,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software	40,000	10,000	50,000
Support Vehicle	24,000	6,000	30,000
Bus Replacement	1,280,000	320,000	1,600,000
Security Cameras for Vehicles	24,000	6,000	30,000
TOTAL	2,418,400	388,600	1,943,000

Section 5339 & 5310 Capital Expenditure, Justification & Summary for CY 2020, Des #1700413

1. Bus Replacement, \$550,000

40-Foot Heavy Duty Transit Bus, Compressed Natural Gas (CNG) Propulsion; including vehicle security cameras; farebox, APC/Ranger equipment. The bus to be replaced is currently 9 years old with 401,022 lifetime miles. At the time of replacement, it will be past FTA useful life by age and mileage. It is used in daily fixed route service; replacing the bus is essential to maintaining current service levels. Vehicle No. 1804, a 2010 Gillig (VIN# 15GGD3011A1179165).

2. Bus Equipment, \$94,051

Bus equipment: including vehicle security cameras and WiFi devices, APC/Ranger equipment. Ranger 4.4, in-vehicle mobile data terminals for use with intelligent transportation system (CAD/AVL related equipment); all Ranger 1 and Ranger 4.3 devices that operate on the 2G/3G network (55 devices total). Most of the equipment to be replaced is approximately

7-9 years old; with a few that are less than 5 years old. Our mobile service provider, Verizon, has notified us that they will no longer provide 2G/3G service and support effective July 2019, with a complete system decommission in December 2019. This equipment is used in daily fixed route (50+) and paratransit (5) service; replacing the equipment is essential to maintaining current service levels and to provide real-time bus location and arrival information to passengers.

3. Route Operating Service Extension, \$57,928

Operating assistance for extension for evening service of 4 hrs on 2A/2B to Northend Community Center. The Center houses over a dozen organizations that serve the community, such as the Shine On University, helping individuals with cognitive, physical disabilities and autism, and the Tippecanoe Senior Center.

4. Travel Training, \$65,048

INDOT awarded GLPTC Section 5310 funds for the continuation of our travel training program. This program provides in-person training to senior citizens and people with disabilities to help them navigate and use GLPTC's fixed route and ADA paratransit service.

5. Paratransit Buses, \$166,575

Bus 443 (standard diesel) was procured in 2010 and will have surpassed FTA useful life and mileage by the time this grant is obligated. It has accrued 176,111 miles as of 12/31/18. No major non-preventative maintenance has occurred for this bus.

Bus 444 (CNG) was procured in 2015 and will have surpassed FTA useful life and mileage by the time this grant is obligated. It has accrued 116,510 miles as of 12/31/18. In 2018, the engine was replaced in-house costing \$6,034.

Section 5307 Capital Expenditure, Justification & Summary for CY 2021

1. Replacement Tires, \$70,000

Des #1700423

With nearly 1.7 million miles of fixed route revenue service operated annually, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$2,060.

2. Rebuild up to Five (5) Bus Engines, \$61,000

Des #1700424

Due to age, CityBus anticipates the need to rebuild up to five (5) engines in 2021 at an average cost of \$12,200 each.

3. Rebuild up to Four (4) Bus Transmissions, \$74,000

Des #1700425

CityBus anticipates the need to rebuild up to three (4) transmission rebuilds. Estimated average cost of each transmission rebuild is \$6,000. CityBus's also plans for the replacement of the battery and drive for one hybrid bus at \$50,000.

4. Bus Rebuild Components, \$28,000

Des #1700426

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

5. Computer Hardware and Software, \$50,000*Des #1700427*

A continuous investment must be made to keep information technology systems up-to-date, including system components for the dispatch center, automated vehicle location systems, and computers for administrative and maintenance functions. Many computer systems need to be updated or replaced every two to three years in order for systems to operate effectively.

6. Support Vehicle, \$30,000*Des #1700428*

Replace the 2013 Chevy Silverado HD 3500. The support vehicle to be replaced was purchased in 2013. This vehicle will meet the requirements of FTA Circular 9030.1E in terms of age for replacement.

7. Bus Replacement, \$1,600,000*Des #1700429*

Due to the age and condition of several buses in the fleet, CityBus desires to purchase up to three (3) replacement full-sized buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age and are becoming increasingly too expensive to maintain. CityBus will replace 2007 buses #1601, 1602, and 1603.

8. Security Cameras for Vehicles, \$30,000*Des #1700430*

FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements. CityBus will acquire a security cameras system for new revenue vehicles.

Table 38: CY 2021 Section 5307 Capital Grant Summary

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	56,000	14,000	70,000
Engine Rebuilds	48,800	12,200	61,000
Transmission Rebuilds	59,200	14,800	74,000
Bus Rebuild Components	22,400	5,600	28,000
Computer Hardware/Software	40,000	10,000	50,000
Support Vehicle	24,000	6,000	30,000
Bus Replacement	1,280,000	320,000	1,600,000
Security Cameras for Vehicles	24,000	6,000	30,000
TOTAL	1,554,400	388,600	1,943,000

11. Area Changes from FY 2016 - 2019 TIP

Since adoption of the 2016-2019 TIP, both cities, the county and INDOT have built several projects throughout Tippecanoe County. Projects range from small intersection improvements to constructing new roads like the Hoosier Heartland.

The MPO provides a detailed project status report in a separate document called the Annual Listing of Projects. It is a comprehensive guide to projects that have started construction. An individual summary is provided for each project that includes: letting date, target completion date, funding sources, development timeline, aerial photos and location pictures. Additional information on preliminary engineering and right-of-way is also provided for local projects. The document is available on the Area Plan Commission's web site.

The following section summarizes the status of projects shown in the FY 2016-2019 TIP.

City of Lafayette

Myers & Riehle Plaza Bridges

The project has been completed and the bridge is open to pedestrians and cyclists. In conjunction with the bridge work, an ADA ramp was constructed on west side of the railroad tracks. The ramp opened January 20, 2017.

Old Romney Road

The project was completed on November 18, 2015.

Sagamore Parkway, McCarty to just south of SR 38

The project was let for construction on January 13, 2016. It was open to traffic on November 22, 2016.

Sagamore Parkway, Beech to the NS Railroad Crossing

The project was let for construction on September 30, 2014. After two construction seasons, Sagamore Parkway was fully opened to traffic on July 22, 2016.

South Street, at Scott and Park Streets

The project was let for construction on January 19, 2017. Milestone Contractors was awarded the contract and the project is estimated to be completed in July of 2017.

South 18th Street

Project was let for construction on September 2, 2015 and was opened to traffic on October 6, 2016. The road was completely reconstructed and widened in one construction year. A sidewalk and trail were built along the entire length of the project.

Twyckenham, Beckenham and Armstrong Trails

These projects moved from being federally funded to funded with only local funds. The first trail to be constructed, the Beckenham Trail, was completed and opened to pedestrians and

cyclists on December 6, 2016. While engineering and land acquisition was substantially complete for the other two trails, no significant work has been recently accomplished.

Star City Trail

Project engineering has not yet started.

Twyckenham Boulevard

The engineering firm who will be developing the engineering plans has been hired and the contract has been signed.

Rome Drive

The project was let for construction on April 28, 2015 and completed on December 2, 2015.

South 9th Street

Project engineering has not yet started.

Bike Ped Safety Education

The project is moving forward very quickly. The consultant team has been hired and the project scope has been developed. Work has started on several of the tasks that have been identified.

City of West Lafayette

Happy Hollow (formally SR 443)

All of the major construction components have been completed and the road fully opened to two-way traffic on December 23, 2016.

Happy Hollow Neighborhood Trail

Project engineering has not yet started. The location of the trail has shifted and will now follow a new driveway entrance into the Park.

Yeager Road Ph. 4

Preliminary engineering is currently under way.

Kingston Trail

This project progressed fairly quickly in both the engineering and right-of-way phases. The project was let on February 9, 2017 and the contractor was given the notice to proceed shortly thereafter.

Lindberg Road

Preliminary engineering is currently under way.

Sagamore Parkway Trail

The City of West Lafayette has hired H. Stewart Kline & Associates to develop the engineering and design plans. INDOT issues the notice to proceed and engineering is under way.

Cumberland Ave, Phase 4

No work has been done on this project.

Soldiers Home Road, Phase 1

Project engineering has not yet started.

Cherry Lane Extension

This new road construction project is moving forward. The City is currently in the process of choosing an engineering firm to develop the construction plans.

Tippecanoe County

Concord Road at 430S

The engineering firm Butler, Fairman & Seufert is developing the engineering plans and the environmental work has been completed.

County Bridge Inspection

The bridge inspection program is progressing and on schedule.

Morehouse Road

The preliminary engineering plans have begun. DLZ is the engineering firm who is developing the construction plans.

Klondike Road and Lindberg Road

Nearly all of the additional parcels of land needed for the improvements have been purchased and those remaining are in negotiations. The project is scheduled to be let for construction on August 9th, 2017.

Yeager Road

The County has hired Strand Associates to develop the engineering plans. INDOT issues the notice to proceed and engineering is under way.

River Road at River Bend Hospital

A slight delay in the environmental review/development has been experienced. Development of the engineering plans continues and April of 2018 is the target letting date.

North River at CR 500N

The project continues to progress through engineering. There was a slight delay in keeping the project moving forward due to the environmental review which has been complete. All of the paperwork has been submitted and the County has started the right-of-way acquisition phase.

McCutcheon Pedestrian Safety

A road safety audit was held in November of 2017. From those recommendations, a project scope is being developed.

Town of Battle Ground

North Street

The project was let for construction on January 19, 2017.

Railroad Street Lighting

The project was let for construction on January 19, 2017.

INDOT Projects

The Indiana Department of Transportation sponsored numerous road improvement projects in Tippecanoe County. They range from installing pavement markings to constructing major new roads. The following summarizes the status of projects for only those phases showing construction for FY 2016 and 2017.

SR 25 Projects

Over Wea Creek, (des #1296092)

Bridge Deck Overlay

Project was let for construction on July 13, 2016 and was completed on September 30, 2016.

SR 26 Projects

South Fork of Wildcat Creek, (des #9608220)

Bridge Replacement

Project was let for construction on December 14, 2016.

8.57 miles east of SR 55 to 0.14 miles west of US 52, (des #0900178)

HMA Overlay

Project was let for construction on July 13, 2016 and was completed on December 5, 2016.

Over Coffee Run Creek, (des #1296009)

Bridge Deck Overlay

Project was let for construction on February 3, 2016. The project is complete and the road is open but INDOT is waiting until the spring to see if there is any vegetation growth before accepting the project as totally complete.

SR 43 Projects

0.46 miles south of I-65 to 0.12 miles north of SR 225, (Des #1593085)

Ultrathin Surface Treatment

Project is scheduled for an April 2017 letting.

US 52 Projects

East bound bridge over the Wabash River, (des #0400774)

Bridge Replacement

Project was let for construction on December 9, 2015.

Montmorenci to Cumberland Avenue, (des #1401315)

Surface Treatment

Project was let on February 3, 2016 and completed on August 25, 2016.

North & south bound bridges over the Wabash River, (des #1382313 & 1382314)

Scour Protection

Construction date still has not yet been determined due to environmental issues.

US 231 Projects

Over Romney Farley Ditch, (des #1400554)

Bridge Deck Overlay

The project was let on January 13, 2016 and was completed on August 25, 2016.

I-65 Projects

At Swisher Road, (des #0710471)

Bridge Deck Overlay

Project is scheduled for a March 2017 letting.

North bound bridge over the Wabash River, (des #1005681)

Bridge Deck Replacement and Widening

Project is scheduled for a March 2017 letting.

South bound bridge over the Wabash River, (des #1005682)

Bridge Deck Replacement and Widening

Project is scheduled for a March 2017 letting.

North bound bridge over Lauramie Creek, (des #1006281)

Bridge Deck Replacement and Widening

Project was rescheduled to an FY 2019 construction letting.

South bound bridge over Lauramie Creek, (des #1006282)

Bridge Deck Replacement and Widening

Project was rescheduled to an FY 2019 construction letting.

CR 600N Bridge, (des #1296949)

Bridge Deck Replacement

Project was let for construction on July 13, 2016 and completed on September 30, 2016.

4.59 miles south of SR 28 to 3.44 miles south of SR 38, (des #1382656)

Functional HMA Overlay

Project is scheduled for a March 2017 letting.

CR 900E Bridge over I-65, (des #11500643)

Bridge Maintenance and Repair

Project is scheduled for a March 2017 letting.

At the Wabash River Bridges, (des #1601256)

Tree Removal and Trimming

INDOT opened the construction bids on January 29, 2017.

Other State Projects

Wabash Heritage Trail within Prophetstown State Park, (des #0810383)

New Bike & Pedestrian Facility

Project was let on November 10, 2015.

At CR 750E, (des #1382732)

Crossing Improvements

INDOT authorized the Norfolk Southern Railroad to begin the improvements in FY 2016.

12. ITS Projects for FY 2018 - 2021 TIP

All of the Intelligent Transportation System (ITS) projects, or qualifying portions of projects, that are in the TIP were amended into the Tippecanoe County Regional ITS Architecture (version 1.2). ITS projects include traffic detection devices, dynamic message signs, emergency communications systems, and GPS-base vehicle tracking.

The FAST Act requires any project that moves into design to follow a systems engineering analysis that is commensurate with the project scope. This rule applies to all ITS projects or programs that will receive federal-aid. A portion of this system engineering approach includes the identification of portions of the regional architecture being implemented. **Table 39** lists TIP projects, along with the corresponding Market Package¹, identified as having an ITS component. Descriptions of each ITS Market Package (i.e., grouping of similar technology) are provided following the table.

Table 39: ITS Summary

ITS Market Package Name	Projects
ATMS01: Network Surveillance	City of Lafayette (numbers are from Table 4, <i>Funded Local Projects</i>)
ATMS03: Surface Street Control	1. Bike/Ped Safety Education
APTS01: Transit Vehicle Tracking	2. Park East Boulevard Extension, Haggerty Lane to SR 38
APTS02: Transit Fixed-Route Operations	3. Star City Trail, north of Union to Rome Drive
APTS03: Demand Response Transit Operations	4. Twyckenham Boulevard, Poland Hill to South 9 th
APTS04: Transit Fare Collection Management	5. Twyckenham Trail, Old Romney Road to Old US 231
APTS05: Transit Security	City of West Lafayette (numbers are from Table 4, <i>Funded Local Projects</i>)
APTS06: Transit Fleet Management	6. Cherry Lane Extension, US 231 to McCormick
APTS08: Transit Traveler Information	7. Cumberland Avenue, Phase 4, Sagamore Parkway to 1/2 mile west
APTS10: Transit Passenger Counting	8. Happy Hollow Neighborhood Trail
	9. Lindberg Road, Northwestern Ave. to Salisbury Street
	10. Sagamore Parkway Trail, Happy Hollow to Wabash River Bridge
	11. Soldiers Home Road (Ph 1), Sag. Pkwy. To Kalberer Road
	12. Yeager Road, Ph. 4, End of pavement to City Limits
	Tippecanoe County (numbers are from Table 4, <i>Funded Local Projects</i>)
	13. Concord Road, at CR 430S
	15. Harrison Safety Improvements,
	16. Klondike Road, CR 200N to US 52
	17. Lindberg Road, Klondike to McCormick
	18. McCutcheon Pedestrian Safety,
	19. Morehouse Rd., Sagamore Pkwy to CR 500N
	20. North River Road, at CR 500N
	21. River Road at River Bend Hospital
	22. Yeager Road, WL City Limits to CR 500N

¹ National ITS Architecture Version 6.0

Table 39: ITS Summary Continued

ITS Market Package Name	Projects
	CityBus (numbers are from Table 1, <i>Funded Local Projects</i>) 24. Capital Assistance (Section 5307) 25. Planning Assistance (Section 5307)

ITS Market Package Name and Information

ATMS01: Network Surveillance: This Market Package includes traffic detectors, other surveillance equipment, the supporting field equipment, and fixed-point to fixed-point communications to transmit the collected data back to the Traffic Management Subsystem. The data generated by this Market Package enables traffic managers to monitor traffic and road conditions, identify and verify incidents, and detect faults in indicator operations.

ATSM03 Surface Street Control: This market package provides the central control and monitoring equipment, communication links, and the signal control equipment that support local surface street control and/or arterial traffic management. This market package is consistent with typical urban traffic signal control systems.

APTS01: Transit Vehicle Tracking: This market package monitors current transit vehicle location using an Automated Vehicle Location System. The location data may be used to determine real time schedule adherence and update the transit system's schedule in real-time. The Transit Management Subsystem processes this information, updates the transit schedule and makes real-time schedule information available to the Information Service Provider.

APTS02: Transit Fixed-Route Operations: This market package performs vehicle routing and scheduling, as well as automatic operator assignment and system monitoring for fixed-route and flexible-route transit services. This service determines current schedule performance and provides information displays at the Transit Management Subsystem.

APTS03: Demand Response Transit Operations: This market package performs vehicle routing and scheduling as well as automatic operator assignment and monitoring for demand responsive transit services. In addition, this market package performs similar functions to support dynamic features of flexible-route transit services.

APTS04: Transit Fare Collection Management: This market package manages transit fare collection on-board transit vehicles and at transit stops using electronic means. It allows transit users to use a traveler card. Readers located on-board the transit vehicle allows electronic fare payment. Data is processed, stored, and displayed on the transit vehicle and communicated as needed to the Transit Management Subsystem.

APTS05: Transit Security: This market package provides for the physical security of transit passengers and transit vehicle operators. On-board equipment is deployed to perform

surveillance and sensor monitoring in order to warn of potentially hazardous situations. The surveillance equipment includes video (e.g., CCTV cameras), audio systems and/or event recorder systems.

The surveillance and sensor information is transmitted to the Emergency Management Subsystem, as are transit user activated alarms in public secure areas. On-board alarms, activated by transit users or transit vehicle operators are transmitted to both the Emergency Management Subsystem and the Transit Management Subsystem, indicating two possible approaches to implementing this market package.

APTS06: Transit Fleet Management: This market package supports automatic transit maintenance scheduling and monitoring. On-board condition sensors monitor system status and transmit critical status information to the Transit Management Subsystem.

APTS08: Transit Traveler Information: This market package provides transit users at transit stops and on-board transit vehicles with ready access to transit information. The information services include transit stop annunciation, imminent arrival signs, and real-time transit schedule displays that are of general interest to transit users. Systems that provide custom transit trip itineraries and other tailored transit information services are also represented by this market package.

APTS10: Transit Passenger Counting: This market package counts the number of passengers entering and exiting a transit vehicle using sensors mounted on the vehicle and communicates the collected passenger data back to the management center. The collected data can be used to calculate reliable ridership figures and measure passenger load information at particular stops.

APPENDICES

Appendix 1, Policy Board Resolution Adopting the FY 2018-2021 TIP

RESOLUTION T-17-07
RESOLUTION TO ADOPT THE
FY 2018 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Policy Board of the Metropolitan Planning Organization is responsible for transportation planning in Tippecanoe County, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and State transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the FY 2018-2021 Transportation Improvement Program has been developed by staff with the assistance of local jurisdictions and INDOT and has been recommended for approval by the Technical Transportation Committee, and

WHEREAS, the Board of Directors of the Greater Lafayette Public Transportation Corporation endorsed the transit portion of the Four-Year Program of Projects on March 22, 2017, and

WHEREAS, the projects herein have been selected from the adopted Transportation Plan, Thoroughfare Plan, transportation systems management plans, transit development plans, ITS Architecture, and the Indiana Statewide Transportation Improvement Program, as a part of the comprehensive planning process.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization (MPO) hereby adopts the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday, the 11th of May 2017.


Tony Roswarski
Chair, MPO Policy Committee


Sallie Dell Fahey
Secretary

Appendix 2, GLPTC Adopting Resolution

GREATER LAFAYETTE PUBLIC TRANSPORTATION CORPORATION RESOLUTION NO. 17-03

RESOLUTION TO ESTABLISH THE PROGRAM OF PROJECTS FOR THE FY2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, a Transportation Improvement Program is a Federal requirement which is needed prior to receiving Federal Funds.

WHEREAS, the Annual Element of the Transportation Improvement Program lists only those projects for which approval for Federal Funds will be granted.

WHEREAS, the Greater Lafayette Public Transportation Corporation has Section 5307 Operating, Planning, and Capital Assistance Projects and intends to program projects in the Annual Element of the Transportation Improvement Program.

WHEREAS, the Greater Lafayette Public Transportation Corporation staff requests that the following federal fund allocation be included in the FY2018-2021 Transportation Improvement Program:

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
CityBus						
<i>Financial information shown is calendar year beginning January 1st)</i>						
24 Operating Assistance (Sec. 5307)	DP	570.1,1,3,10				
Des # 1382372			1,882,009	6,490,022	11,712,762	CY 2016
Des # 1382373			1,120,000	6,335,348	12,142,715	CY 2017
Des # 1400659			1,694,032	7,524,551	11,997,713	CY 2018
Des # 1500386			1,727,913	7,418,998	12,357,644	CY 2019
Des # 1700413			1,762,471	7,311,335	12,728,374	CY 2020
Des # 1700422			1,797,721	7,201,517	13,110,225	CY 2021
25 Capital Assistance (Sec. 5307)	CA	570.13	2,782,438	822,210	3,604,148	CY 2016
Des numbers for individual projects are shown on pages 54-62			1,926,500	481,625	2,408,125	CY 2017
			1,630,400	407,600	2,038,000	CY 2018
			1,554,400	388,600	1,943,000	CY 2019
			1,554,400	388,600	1,943,000	CY 2020
			1,554,400	388,600	1,943,000	CY 2021
<i>Note: Two buses in CY 2016 will be purchased with Section 5339 funds and one bus will be purchased with Section 5310 funds.</i>						
26 Planning Assistance (Sec. 5307)	PL	57P.13				
Bus Stop Evaluation (des #1700070)			8,000	2,000	10,000	CY 2017
Strategic Planning			40,000	10,000	50,000	CY 2018

NOW, THEREFORE BE IT RESOLVED that the Board of Directors of the Greater Lafayette Public Transportation Corporation does hereby concur with and endorse the establishment of the program of projects in the Transportation Improvement Program for FY 2018-2021, as well as the allocation of federal funds.

Adopted by the Board of Directors of Greater Lafayette Public Transportation Corporation this 22nd of March, 2017.


Ms. Julie Ginn
Chairman of the Board of Directors
Greater Lafayette Public Transportation Corporation

ATTEST:


Mr. Michael L. Gibson
Secretary of the Board of Directors
Greater Lafayette Public Transportation Corporation

Record of Votes: Ayes: 7 Nays: 0

March 22, 2017

Appendix 3, INDOT Local Federal Funding Information, Lafayette MPO

2016 Local Share of Federal Formula Apportionments-(CR Thru December 8) - DRAFT

Last Updated - 1/10/2017

							Full Year Estimation Under CR 96.1857%	Spending Authority Under CR 75.0679%
Group I	STP	HSP	CMAQ	TA	Section 164 Penalty	FY 16 Target	Estimated FY16 Spending Authority Under CR	Actual CR Spending Authority
Indianapolis	\$32,356,783	\$5,714,874	\$8,385,633	\$2,530,730	\$1,503,641	\$48,491,651	\$46,644,138	\$12,170,935
Fort Wayne	\$6,010,860	\$1,204,429	\$2,348,221	\$593,783	\$315,339	\$10,220,235	\$9,850,408	\$2,565,065
Louisville	\$2,576,082	\$188,968	\$1,070,960	\$288,884	\$141,722	\$4,370,046	\$4,395,781	\$1,340,880
South Bend	\$4,504,847	\$826,250	\$1,704,703	\$411,831	\$244,530	\$7,885,210	\$7,584,502	\$1,879,037
Northwest	\$11,708,099	\$2,264,814	\$3,385,577	\$1,008,725	\$595,975	\$19,258,190	\$18,485,151	\$4,823,362
Evansville	\$3,776,943	\$771,346	\$1,450,180	\$341,847	\$202,976	\$6,545,280	\$6,285,635	\$1,642,791
Cincinnati	\$203,215	\$39,284	\$83,302	\$17,410	\$10,317	\$333,348	\$320,633	\$81,043
TOTAL GROUP I	\$69,284,014	\$11,462,874	\$18,412,409	\$5,089,038	\$3,816,320	\$87,369,224	\$83,886,198	\$24,411,789
Group II	STP	HSP	CMAQ	TA	Section 164 Penalty	FY 16 Target	Estimated FY16 Spending Authority Under CR	Actual CR Spending Authority
Anderson	\$1,582,455	\$338,605	\$752,690	\$130,397	\$89,104	\$2,873,247	\$2,783,635	\$721,125
Bloomington	\$2,854,283	\$417,458		\$160,763	\$109,652	\$3,542,356	\$3,407,340	\$889,057
Elkhart/Goshen	\$2,672,814	\$531,093	\$1,095,178	\$212,220	\$145,017	\$4,676,322	\$4,487,958	\$1,173,090
Kokomo	\$1,633,449	\$298,902		\$92,001	\$62,864	\$2,027,212	\$1,949,898	\$506,788
Lafayette	\$2,682,551	\$567,556		\$218,546	\$140,350	\$4,616,023	\$4,632,325	\$1,208,721
Muncie	\$1,611,582	\$348,008	\$767,849	\$134,017	\$91,570	\$2,953,024	\$2,840,387	\$741,147
Terre Haute	\$1,654,984	\$356,313	\$781,281	\$137,216	\$93,762	\$2,823,556	\$2,808,160	\$736,837
Columbus	\$1,443,023	\$211,051		\$81,376	\$55,537	\$1,790,887	\$1,732,577	\$449,475
Michigan City	\$1,118,007	\$259,660	\$625,787	\$97,889	\$66,731	\$2,152,498	\$2,070,305	\$540,232
TOTAL GROUP II	\$18,431,741	\$3,282,663	\$4,012,728	\$1,364,148	\$843,813	\$27,855,880	\$26,732,604	\$6,891,040
TOTAL RURAL	\$48,829,921	\$3,681,378	\$1,207,419	\$4,885,782	\$942,422	\$58,266,813	\$54,118,240	\$14,119,078
SUB TOTAL	\$123,885,679	\$18,326,462	\$23,632,546	\$11,639,839	\$4,822,555	\$181,377,317	\$174,489,042	\$46,521,699
STP (DISCRETIONARY)						\$30,659,286	\$29,499,060	\$7,494,840
RAIL/HIGHWAY CROSSINGS						\$7,479,166	\$7,388,350	\$1,937,307
TRANSPORTATION ALTERNATIVES (FLEX AREAS)						\$11,038,939	\$10,618,643	\$2,770,793
STP OFF-SYSTEM BRIDGES						\$12,603,273	\$12,411,193	\$3,238,461
GRAND TOTAL						\$243,668,883	\$234,366,098	\$61,163,289

2018 Local Share of Federal Formula Apportionments

Draft FY '18 Federal Funding Calculations

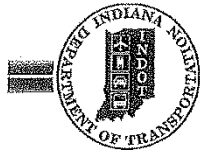
Fund Type	Apportionment	Allowed to Program
STBG	3,880,551	3,732,535
HSIP	567,556	545,908
164 Penalty	218,350	143,653
TA	210,566	210,229
Total	4,816,023	4,632,325

Draft FY 2017 Spending Authority Total

Total 4,632,325

Spending Authority 0.961857

Appendix 4, INDOT Authorized Prior Year Balance Spending Plan



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room 965
Indianapolis, Indiana 46204

PHONE: (317) 234-5142
FAX: (317) 232-1499

Michael R. Pence, Governor
Karl B. Browning, Commissioner

February 26, 2015

Sallie Dell Fahey, Executive Director
Area Plan Commission of Tippecanoe County
20 North Third Street
Lafayette, IN 47901

Dear Ms Fahey:

Thank you for taking the time over the last 7 months to discuss and work through the many issues that the MPO's and INDOT were facing regarding policies and procedures, funding and project delivery. INDOT is very appreciative of your commitment to work together as partners in transportation ensuring all tax dollars are utilized and spent in the most efficient way.

Indiana receives approximately \$1 billion per year in federal funding of which INDOT sets aside 25% for federal aid eligible projects within Rural Local Planning Agencies (LPA) and Metropolitan Planning Organizations (MPO). Federal law requires INDOT to obligate all of the federal funds it receives each fiscal year. Any unobligated funds revert back to the Federal Highway Administration (FHWA) for redistribution to other states. INDOT will not lose any funding to other states and will take necessary steps to avoid this.

As you're aware, INDOT and all of the MPO's have come to an agreement on prior year balances. All MPO's have now completed the creation of a 4-5 year spending plan that not only identifies how they expect to utilize their annual spending authority but how to spend down the unfunded liability of prior year balances. As we move beyond fiscal year 2015, INDOT expects the Local Rural and MPO Programs to obligate their yearly spending authority and prior year balances before the end of each state fiscal year. INDOT's definition of obligation means that a purchase order has been issued for those funds.

INDOT will work collaboratively with each MPO to assist in the obligation of all funds but will not be held responsible for the lack of project eligible activities for any obligation. Federal requirements must be met in order to obligate funds which include but is not limited to actual fully executed contracts. As we've discussed, INDOT will no longer allow the carryover of funds from year to year.

Any unobligated funds at the end of each state fiscal year; whether it's from your yearly spending authority or prior year balances identified to be utilized during the current state fiscal year, will be lost by the Local Rural and MPO Programs. Prior year balance dollar amounts are not tied down to specific projects.

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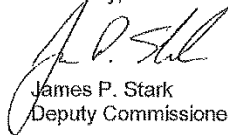


It's each MPO's responsibility to see that these dollar amounts for both your annual spending authority and prior year balances are obligated as identified to be utilized during the current state fiscal year. As you requested, INDOT is happy to make available to you the following dollar amounts for the following state fiscal years:

- 2015 - \$3,909,040
- 2016 - \$2,666,567
- 2017 - \$252,142
- 2018 - \$4,634,111
- 2019 - \$1,463,732

Once again, thank you for all of your hard work.

Sincerely,



James P. Stark
Deputy Commissioner, Innovative Project Delivery

cc: Karen Hicks
Kathy Eaton-McKaig

Appendix 5, MPO Certification

TRANSPORTATION PLANNING PROCESS FY 2018 CERTIFICATION

In accordance with 23 CFR 450.336, the Indiana Department of Transportation and the Area Plan Commission of Tippecanoe County hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450.300;
2. Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in DOT funded projects;
6. 23 C.F.R. part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37 and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Area Plan Commission of
Tippecanoe County - MPO


Sallie Dell Fahey

Executive Director
Title

5.23.17
Date

Indiana Department of Transportation


Roy Nunnally

Division Director
Title

3/3/17
Date

Appendix 6, Public – Private Participation Responses and Comments

December 21, 2016, Technical Transportation Committee

The TIP development schedule was presented. APC staff stated that the local programming sheets have been distributed and INDOT has already submitted its list of projects.

No comments or questions were received from the general public.

January 21, 2017, Technical Transportation Committee

Committee members were reminded that the local project sheets needed to be turned in.

No comments or questions were received from the general public.

January 24, 2017: Citizens Participation Committee

The list of preliminary projects for the new TIP was passed out. The projects are broken down by year and include funding information. The individual projects were reviewed.

Comments from those attending:

- 1) Are these are both intersection projects?
- 2) So the Happy Hollow Neighborhood Trail will end at the creek or at the access drive?
- 3) There is a pedestrian bridge across the creek in the vacuity between the entrance of the park and the new parking area.
- 4) It would be nice to continue it to the bridge.
- 5) Want to just keep going.
- 6) But that is a short segment and it should not cost that much.
- 7) It will be adjacent to the road?
- 8) That is not known at this point how the intersection will be treated?
- 9) That is a good way to put it.
- 10) There is right-of-way associated with it. I'm assuming that they are doing something additional to it. A trail?
- 11) Because that is right underneath the construction information. The trial is shown separately.
- 12) There is actually no money shown for it.
- 13) Patch work of improvements over time.
- 14) That's been on everyone's radar for a long time. Actually going beyond Kalberer but non-the-less between Cumberland and Kalberer it losses some functionally. I think there are no sidewalks north of Cumberland. There is a sidewalk south of Cumberland.
- 15) I think in most spots there are no sidewalks.
- 16) It may not be continuous but parts, but north of Cumberland there are none.
- 17) Then it got back on there. Originally it was a state highway, and with that agreement switching it to local control the idea is to make it an urban cross section with is still the plan
- 18) Are they thinking about taking out the sharp curves.

- 19) Now it would be.
- 20) Twenty years wasn't so bad.
- 21) You mentioned McCormick earlier, the part by the ponds tends to get slick during the winter.
- 20) I don't think the draining is very well and the drainage is into the pond. The road is so low right there.
- 21) I don't know about the slipperiness, because I don't go fast there. There is a curve there so you are supposed to slow down. The road got all beat up when they were doing the cross over.
- 22) That is the idea. But with the student apartment there will be a different story.
- 23) Actually you are pointing to Stadium. It's already on there.
- 24) How can you have a vehicle count on it?
- 25) Actually that makes a great deal of sense. That is a very flat stretch with reasonable draining issues. It is forested and we will lose some trees but that is ok. But McCormick is just the opposite. It has draining issue, not flat and not straight.

February 3, 2017

A citizen sent an email to APC stating that they received the contact letter and they will be attending the February 15th meeting. They requested the documentation that was available.

February 9, 2017, Policy Board

The Board was provided a status report regarding the development of the new TIP.

No comments or questions were received from the general public.

February 10, 2017

A citizen sent an email to APC and requested the project information.

February 13, 2017

A representative from the Town of Shadeland visited the APC office and asked about federal funding and if it was available to the town.

February 15, 2017

A gentleman called and requested information. He could not find it on the APC web page.

February 15, 2017, Technical Transportation Committee

The Committee allocated and prioritized STBG, HSIP and TA funds as well as affirmed a list of INDOT projects to be a priority to this community. The Committee also determined that all local projects requesting federal aid were determined to be complete street compliant.

Comments from those attending:

- 1) Thanked the committee for two years of funding for the bicycle safety education and funding. Looking forward to success in the two year and would like to see additional funding in future years.
- 2) I like the ten percent of STP funds allotted to non-motorized projects. I'm wondering what limits that to ten percent and can it be increased.
- 3) I was excited to see all of the trail requests from Ed in West Lafayette and would like to see more in Lafayette. I don't know how that all happens.

- 4) There are a couple of things I'm concerned about for the community that may not be related to this. The construction that happened on River Road to connect the trail from Robison to State Street, there is no safe passage for bicycles. The sidewalk got wider but there really is no recreational trail access there so somehow it slipped through the cracks. I know that is not what we are talking about here, future projects. It is not a safe passage for bicycles.
- 5) How can we make sure that the Harrison Bridge gets kind of prioritized more into the construction projects for safe passing for pedestrians and bicyclists? There is a sidewalk and pavement but it's not very comfortable.
- 6) I was wonder in terms of process you have a forty year plan and you are picking pieces out of that and putting it onto here. So what goes into that process that this proposed project is one to work on.
- 7) The ten percent for non-vehicular projects - part of the beauty of trails is that they aren't traveling next to cars and trucks with their exhaust. In terms of cyclists it would be nice to see the ten percent go to projects that are separated from the road and hopefully leading to places where people want to go.
- 8) Thank you for the opportunity to make some comments and ask a few questions. First I would like to recount my experience as Doug introduced earlier in the meeting thanking folks for being here. As being a member of the public I appreciate the opportunity from the letter, but I find the task in finding information about plans and progress to very difficult going through the web site. If you are member of the group internally you know how to navigate this. I found the navigation of the web site very difficult as a member of the public. There is no glossary. I'm probably more educated about this process and I have not have been able to attend any of the citizen committee meetings for man many months. I spent some time trolling the web site and I called the office to get some navigation help. I was told they were already at the meeting and then the person told me that I should not wait untill an hour before the meeting. To give you an example I found minutes from 2012. But as a general comment to help the public participation process, make the web site more public friendly and have a glossary.
- 9) The \$30,000 that is going to. I will say that I represent many of our senior citizens and person with disabilities that we serve on a regular basis throughout the year. For the 30,000 I could not find the plan or curriculum and I wanted to ask where it is and how the education is going to proceed and to invite to present them at Jenks Rest.
- 10) I don't know if the plan for roundabouts came from here or West Lafayette, how do you drive around the roundabout? Many of our seniors will not drive certain areas because of the roundabouts. They found them unfamiliar and difficult to navigate and there has been no education about this is what you will encounter when you drive. Education needs to be more publicly accessible.
- 11) What does bicycle and pedestrian safety education mean as to the plan.
- 12) Now that the roads are complete on 52. If you imagine you are a senior citizen driving that at night. Folks are saying it's difficult to drive with the lighting. Sagamore Parkway north of 26. If you would consider the additional needs of senior citizens who are already reluctant to drive at night and won't participate in activities. If you build something new, ADA requires a certain candle power per floor space. I don't know what the requirements are but please consider the lighting situation for our senior citizens to avoid accidents.
- 13) The other issue is trail architecture for seniors and persons with disabilities. We were fortunate to attend an architecture planning process at the last senior's national conference where new architecture ideas were presented to help these groups' better navigation trails.
- 14) I'm sorry for the misunderstanding but I'm referring to the third fourth paragraph in the letter that Doug sent out with regard to CityBus seeking assistance for federal funding which is clearing not the agenda today. If I could be directed to how to make those comments because I do have some from constitutes regarding schedules and locations.

March 3, 2017

The draft document was placed on the APC Transportation web page.

March 3, 2017

It draft document was submitted to INDOT for review.

March 9, 2017, Policy Board

The Committee was informed that the Technical Transportation Committee allocated and prioritized funding at last month's meeting. They were also informed that the draft TIP has been posted on the APC, was available for public review and that it has been submitted to INDOT for review.

No comments or questions were received from the general public.

March 15, 2017: Technical Transportation Committee

The Committee was informed that the draft document has been completed and is available on the APC transportation web site, is available for public. Review and it has been submitted to INDOT for review. The Committee was also informed that there was a minor change to PYB funding due to INDOT's rules. It was announced that the public hearing is scheduled for March 28th.

No comments or questions were received from the general public.

March 24, 2017, Citizens Participation Committee (formal public hearing)

The draft TIP document, project priorities and INDOT's STIP public meeting information was presented. The following are the question and comments made by citizens at the meeting:

- 1) It looks like you have the number 29 on the map.
- 2) The runway is not on that side of 231.
- 3) They will be resurfacing with concrete? As opposed to reconstruction?
- 4) That will be different.
- 5) They have been improving the polymer fibers in concrete and its tensile strength.
- 6) Look at those truck ruts at the stop lights.
- 7) On the asphalt, concrete brakes.
- 8) There is a wide shoulder on it now and there will be a trail.
- 9) There is a sidewalk there I think. I wasn't quite sure.
- 10) Will the new trail be raised? But there won't be any other protection. Barricades or bollards maybe?
- 11) There may be bollards. Ed Garrison said it won't be comfortable. It won't be causal, but it will be safer than nothing.
- 12) The problem with plastic bollards is that they don't last long.
- 13) You walked them through it fairly cleanly.
- 14) Is there a trail along Lindberg Road? And is that local funds?
- 15) On page one, Park East Boulevard on 2020. You have the allocation or amount requested but you don't have a priority and it's listed in 2021.
- 16) It's only the first three years you need to be fiscally constrained?

- 17) Or 2022.
- 18) That meeting is more about funding INDOT projects.
- 19) So this paragraph you were referring to, the \$32 million is US Department of Transportation. Is that just for fiscal year 2018 or for the four year program?
- 20) So that's the share out of the 109 million total. So the rest of the 109 million, whatever it is, is state money and local money. That comes from the state gas tax and the various local sources.
- 21) Speaking of crystal ball, the budgets seem to be identical for each of the four years. Is that mandated or the chosen way to go? Obviously you don't know in future years what the actually money would be.
- 22) So part of the overall operating exercise is to be flexible.
- 23) I appreciate that.
- 24) Evaluating the projects every year with community feedback and reassess that makes sense. I just wanted to say that this is the first time in looking more closely at the CityBus section and I really appreciate them doing the bus stop evaluation but I notice in the capital funding there is no plan to put any new shelters in the next four years. So the question I have for CityBus is, we have some shelters that are currently not at the ADA standards but if they exist I think they should remain until they can be replaced. Not to take down any shelters since we have so few in the community. I look forward to their study on that. We do have a lack of shelters. The thing that I would like to see is that they have some capital allotment in subsequent years for shelters. Obviously we need more shelters.
- 25) I'm glad you have that insight.
- 26) That's probably why they are not in here.
- 27) It's not in here because they are probably using local funds for it. It's not a large amount of money.
- 28) I also want to say thank you for getting us the INDOT information. They are not as well versed as getting their open form meetings out to the public like publishing it. So I appreciate that. I was lucky enough to attend an INDOT meeting when they came to town to talk about Teal Road. It was almost two years ago. That was a big meeting. At the meeting there were various concerns about the complete street component of that project and the way it was designed and that it acknowledged transit, pedestrians and automobiles but it did not include any safe or safe zones for passing of bicycles. And I know that people sent in request to include them but I don't know what the feedback from that process was.
- 29) I think any community our size has large or big roads going through it and that's fair. We have a large population and we have to get our businesses moving through the community. But there are also ways to make sure that passage ways are safe for all modes of transportation including bicycles whether that's a path that is part of it. It's not always recreational or comfortable as we mentioned earlier but Teal Road is integral to our community; two schools, fairgrounds, everything. And to make it very difficult for people to get there and the desire is really not doing us justice.
- 30) A couple of years ago when we were talking about that where Teal comes down to 4th because of how small it is trying to make that a safer place for everybody is just. There's just not enough room.
- 31) It's difficult and expensive but that means it shouldn't be done.
- 32) I think the design at that point was not for a roundabout at that location but 4th and Teal feel like it has so many strange angles coming in. I don't know what the design is currently. I don't think it's a roundabout though.

- 33) They were having difficulty in getting enough level land for adding bike lanes. That was an issue here. The Poland Hill Road connection especially. But they haven't got a final plan John just said.
- 34) Regarding the Harrison Bridge here in town, I know there is talk of restriping for bicycles on that bridge and I talked to Opal a little bit. I think the funding for that maybe coming from a different series of funds because the restriping is not in this. Hopefully it will be happening this summer.
- 35) It is local funds. It probably is bridge maintenance funds.
- 36) At this point in the next four years the deck for that bridge is not in the conversation up through 2021.
- 37) It will probably be further down the road.
- 38) Again I just want to say that I am really great fully for the bicycle and safety education campaign and the allotment for this year and for 2018 and I was wonder what the assessment process will be to see about including that into a third or future years.
- 39) And finally one more thing. I really again totally appreciate the fact that trails and sidewalk are being designed into the new projects as they come about. The main concern I have having experiences the work on river road coming in on my bicycle through trails is, I'm not sure how much the intersection and the incorporation of the different modes safely with each other were thought about. So having those parallel paths to travel is great but I know this document is not about those fine details. Where can we be included or get more information regarding the intersections and merging. Sometimes things just end abruptly and you are left to enter the wild raging river of six lanes of automobile traffic.
- 40) Sometimes you have to cross two lanes to get into a left turn lane and when you are in the left turn lane you find yourself in the middle of a four lane section and there are cars on both sides of you.
- 41) So as we go forward with those aspects I think it might be, I don't know, if it's going to be included or suggest some type of task force be created or referred to as projects are getting closer to completion of design.
- 42) So Rose, would you say that the biggest conflicts happen at intersections or the failure to accommodations all modes, I'm not sure how to phrase it, but it happens more on large or multilane roads?
- 43) Yes, it's more dangerous and obvious on a multilane road.
- 44) We just need to keep our eye on when those projects are evolving and make sure to attend public meetings. What are the details of how you are going to deal with that?
- 45) Another example is the intersection of Cumberland and Sagamore by Wal-Mart. It think it's in the works here somewhere.
- 46) That's exciting.
- 47) Also the project was listed as an INDOT unfunded project.
- 48) Taking a grandchild on a bicycle through a roundabout is a real trip because we biked out to Twyckenham just this week but my grandson who is not use to riding on the street to begin with and we ended up just taking the sidewalk and doing all the crosswalks kind of to get through it safely but being an adult and getting through a roundabout on a bicycle is a pretty scary thing because you want to make sure that the driver is thinking about you as well and I'll probably end up copping out in using the crosswalk too.
- 49) I'll be honest, on the Tapawingo roundabout if it's not a busy time of day I will stay in the lane. But if it is a busy time of day like rush hour in the morning or right after work I will hop on the recreational trail. I don't even necessarily press the hawk signal at the pedestrian crossing. I just look and then I get to the middle and then I look and then I merge back into the lane. So for me it's a judgement call as a

bicyclists related to me as how busy it is when I know it even as an automobile driver how busy it can be.

- 50) A question that I have, and again this an experience trying to cross 18th Street where the bike trail crosses to go down. People just weren't stopping. Now I see they got one of those thinks you can push on State Street. I'm just wondering if the community is getting better about realizing that when those lights are flashing that they need to stop when those lights are flashing when there is a bicyclist. Have you got any accident reports or any feedback? It's education with parking garages, education with roundabouts, and education with these things in the middle of the block. Are people getting more educated? Are they realizing that when those things are flashing you're suspense to stop?
- 51) I just wrote that down. Do you all know that there is a survey you can take now that is called bike greater lafayette? It's a survey for anybody who is living in the community. I don't have the link with me. We are trying to hone in on what we want to focus in for a safety campaign and we have not talked about the ideas of specifically making sure people understand what the infrastructure, traffic signals mean and what they can do. It's as simple as talking about when a school bus stops and when the stop sign comes out, you don't pass the school bus. It's that same culture shift and it's going on in our community and I'm really glad to live here at this time, were going to see more people practiced it the more frequently they see it.
- 52) There is a certain amount of education that comes from numbers. I'm not quite sure about those hawk signals and if that is exactly. There on and that doesn't necessarily mean you have to stop. You only have to stop if they are crossing.
- 53) I only press it when I want to cross
- 54) You have to yield when a person is crossing even if the signal is not on. So there is an awareness that is needed.
- 55) I'm the grandma out there with the grandkids you know and I worry when we are out there and worry we don't get killed. I bring that perspective.
- 56) Those are pretty new too.
- 57) What's the difference?
- 58) Is that what they have at the bog at Lindberg?
- 59) Yes, and there is one at the Farms Market crossing.
- 60) I haven't seen that one so you do have to stop.
- 61) You did a nice job. Thank you very much.
- 62) I have some questions. You have some things listed as not funded or the dates don't seem to match up or they are in the letting list to be let this year and they are to listed as 19. And so I don't know if some inconsistencies? For insistance, the Soldiers Home phase one project, which is listed as project eleven in the locally funded projects, and then it's listed as unfunded.
- 63) But that is shown as 2020 and that is going to happen earlier.
- 64) Actually I wrong on that one and it was something else. That must be the trail I was thinking of.
- 65) For instance you have Klondike and Lindberg project be let in August of this year but yet it is shown with construction starting in fiscal year 18. It's just at the very beginning of the fiscal year?
- 66) There is a little blip right hear at 850S and I65 on the unfunded. I wasn't sure if it was to be numbered. I think it's 850 but I'm not positive.

- 67) So I'm, you can tell me Doug because you know about it better than I do. I'm just going to bring it up too. Passage out North 9th Street toward Battle Ground and Prophetstown; is that on the radar here anywhere?
- 68) Because that I would love to see that one get moved up a little higher as a priority.
- 69) Access to Prophetstown would be nice.
- 70) We are not supposed to be biking on North 9th?
- 71) You risk your life and limb.
- 72) I did to and I thought I was going to die.
- 73) Thank you.
- 74) My son was riding out to Proaxis on 9th Street and it was very scary that he was trying to do that especially at five o'clock in the morning during the summer. I don't want him to be one of those ghost bikes.
- 75) Thank you for all of your work.
- 76) I have one quick question. The Morehouse project, is that widening?
- 77) When you say widening, are you talking about additional travel lanes or wider shoulders?

April 13, 2017, Policy Board

The Committee was presented a status report, including information regarding the public meeting and a list of the minor changes that have been done with the document. The Committee was also informed that the document will be presented to the Technical Committee at its April meeting and presented to Policy Board for possible adoption at the May meeting.

No comments or questions were received from the general public.

April 19, 2017, Technical Transportation Committee

The Committee reviewed the draft document and voted to recommend its adoption.

No comments or questions were received from the general public.

May 10, 2017

Kim Irwin, Health by Design, commented on the draft TIP. The comments include: funding reconstruction projects versus expansion projects; INDOT project and application of MPO complete street policy; positive comments regarding funding non-motorized projects and documenting various subjects; and requesting a timeline and comment submittal on the APC website. A copy of the email is below.

May 11, 2017, Policy Board

The Policy Board reviewed the draft document and adopted it.

No comments or question were received from the general public.

Doug Poad

From: Kim Irwin <kirwin@hbdin.org>
Sent: Wednesday, May 10, 2017 8:48 PM
To: Doug Poad
Subject: RE: Transit Analysis in Draft Long-Range Transportation Plan

Good evening, Doug,

I hope you're doing well. I had hoped to get these comments to you earlier, but couldn't make it happen. Still, I wanted to send them along, as I've been providing input on the Transportation Improvement Programs of various MPOs across the state. Hopefully they can still be included in the process.

As a general comment I've made to everyone, we would like to see less funding go to system expansion. The inclusion of added capacity projects in TIPs across the state represents the diversion of millions upon millions of dollars from the overall transportation network, which we think could be better spent on repair, maintenance, multimodal access and safety. It would be helpful to include a rationale or explanation for new construction and widening projects in this TIP.

With regard to INDOT projects, what is the process for ensuring that construction, rehab, replacement and overlay projects, as well as intersection and crossing improvements, account for safety and access for people walking, biking and/or using a mobility device? What role does the MPO Complete Streets policy play in that?

It's great to see reference to the non-motorized projects funded through the Surface Transportation Block Grant program, the performance measures used in project prioritization and selection, as well as the sections on Complete Streets determination and Intelligent Transportation Systems. That information is all very helpful in understanding the overall program. Similarly, the amount of detail provided for CityBus is excellent.

Along with that, we're very excited to see the number and quality of bike/ped projects. Thanks, also, for your commitment to safety efforts.

Lastly, and with apologies if I missed something, we recommend including instructions for the process and timeline of submitting TIP comments directly on the website, rather than within the document itself.

Thank you for the opportunity to provide input. Please let me know if you have any questions for me. Take care!

Kim

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Appendix 7, Change Order Policy

CHANGE ORDER POLICY for FEDERAL AID STP/MG FUNDS

Greater Lafayette Area Transportation and Development Study Area

The following procedures will be followed by the Area Plan Commission of Tippecanoe County (APC) in its capacity as Metropolitan Planning Organization (MPO), the INDOT Crawfordsville District Construction Engineers, the Local Government Engineers (LPA Engineer), and Project Construction Engineers regarding all federal aid local project change orders in Tippecanoe County, Indiana:

- When the LPA Engineer is informed by the Project Construction Engineer that a change order is required, the LPA Engineer shall contact the MPO to determine if or what portion of federal funds are available within the amount programmed for the project in the Transportation Improvement Program (TIP). The MPO will verify by phone whether or not the funds exist for the change order and inform the LPA Engineer if federal aid funds are available.
- The LPA Engineer will complete the change order form along with the amount of federal aid funds being requested, and send it directly to the MPO (APC). The Executive Director of the Area Plan Commission or designee will sign the change order and indicate the amount of federal, if any, and local funds required. The MPO will send the change order to the LPA Engineer for signature by the Board of County Commissioners, Mayor, or Town Council as appropriate.
- The LPA Engineer will provide a signed copy of the change order to the MPO.
- The MPO will forward the signed change order with the corresponding state Designation Number (Des #) to INDOT's Office of Policy and Budget Fiscal Management and the INDOT Crawfordsville District Construction Engineer.
- It is the responsibility of the local government to ensure that change orders have been provided to the MPO and that the MPO has signed off assuring that the federal aid funds are available.
- If this change order policy is not followed, the local government requesting federal aid funds will be required to use 100% local funds for the change order.
- When additional federal aid funds are not available within the amount programmed in the TIP, the local government may request a TIP amendment to increase the amount of federal aid available to the project. To facilitate such an eventuality, 5% of estimated federal funds will be left unprogrammed in the TIP so long as those unprogrammed funds are not in danger of being lost to the community. As custodians of those funds, the MPO (APC staff) will determine when all unprogrammed funds must be programmed.


April 11, 2006

- In Dayton, Battle Ground and Clarks Hill (which have no local government engineer), the Project Construction Engineer will fulfill the responsibilities of the LPA Engineer for purposes of compliance with this policy.

Adopted by the Area Plan Commission of Tippecanoe County in its capacity as the Policy Committee of the Metropolitan Planning Organization this 19th day of April 2006.



Gary Schroeder, President



Sallie Dell Fahey, Secretary

April 11, 2006

Appendix 8, Administrative Amendment Policy

POLICY for ADMINISTRATIVE AMENDMENTS to the TRANSPORTATION IMPROVEMENT PROGRAM

Greater Lafayette Area Transportation and Development Study Area

Because some requests to amend the Transportation Improvement Program (TIP) need quick approval or are of limited financial interest to local officials, administrative amendments to the TIP are desirable. To provide a limited use, alternative TIP amendment process, the Area Plan Commission of Tippecanoe County (APC), in its capacity as the Policy Board of the Metropolitan Planning Organization (MPO), authorizes its Executive Director, or in her/his absence, its Assistant Director for Transportation Planning, to approve administrative amendments that add projects to the TIP, move projects within the TIP from unfunded to funded sections, and correct information for certain projects already programmed. Votes of recommendation by the Technical Transportation and Administrative Committees, and approval by the Area Plan Commission are not required for administrative amendments. For a project to qualify for an administrative amendment, the following criteria must be met:

- The request corrects the cost or other portion of a project listing already programmed for INDOT or CityBus.

OR


- The request is an INDOT project or a local project using dedicated Federal funds such as "earmarks", HES or TE. In these cases, the locally controlled STP allocation will not be used for the request.

AND FOR EITHER SITUATION LISTED ABOVE,

- Following the established approval process will delay the letting date or move the project to a subsequent construction year.

The details of all Administrative Amendments shall be provided to the Technical Transportation Committee, the Administrative Committee and the Area Plan Commission no later than the first meeting of each group following the amendment.

Adopted, as amended, by the Executive Committee of the Area Plan Commission of Tippecanoe County this 1st day of November 2006.


Gary Schroeder, President


Sallie Dell Fahey, Secretary

September 27, 2006
Revised per Executive Committee vote November 2, 2006

Appendix 9, Planning Support for TIP Projects

The following two tables document the planning support for both local and state projects. Each table provides a project description or code number and the document where the planning support can be found.

LOCATION	PROJECT TYPE	PROJCT or DES NO.	SUPPORTING DOCUMENTATION
City of Lafayette			
Bike/Ped Safety Education <i>Community Wide</i>	Bicycle and Pedestrian Safety Ed. Program	1601000	2040 MTP, FY '16 TIP
Beck Lane <i>Poland Hill to Old 231</i>	Road Reconstruction & Widening	---	2040 MTP, TFP, FY '16 TIP
Park East Blvd. <i>Haggerty to SR 38</i>	New Road Construction	1700405	2040 MTP, FY '16 TIP
Park East Blvd. <i>McCarty Lane to Haggerty</i>	New Road Construction	---	2040 MTP
Poland Hill Road <i>Teal Rd. to Beck Lane</i>	Road Reconstruction & Alignment	---	City Assessment, 2040 MTP, FY '16 TIP
South Beck Lane <i>Old Romney Rd to CSX RR</i>	Road Reconstruction	---	City Assessment, FY '16 TIP
Star City Trail <i>N of Union to Rome Dr.</i>	Trail Construction	1401284	Trail Master Plan, FY '16 TIP, 5YPS
Twyckenham Blvd. <i>Poland Hill to S. 9th St.</i>	Road Reconstruction	1401285	City Assessment, FY '16 TIP 5YPS
Twyckenham Trail <i>Old Romney Rd to Old 231</i>	New Trail Construction	1700401	Trail Master Plan, FY '16 TIP
36th Street <i>Union to South Street</i>	Road Reconstruction & Widening	---	City Assessment, FY '16 TIP
City of West Lafayette			
Cherry Lane Extension <i>Rel. US 231 to McCormick</i>	New Road Construction	1401290	2040 MTP, FY '16 TIP
Cumberland Ave, Ph 4 <i>Sagamore Parkway to ½ mi west of Sagamore Parkway</i>	Road Reconstruction	---	City Assessment, FY '16 TIP
Happy Hollow Nbhd Trail <i>Hollowood to HH Park</i>	New Trail Construction	1401288	City Assessment, 2040 MTP, FY '16 TIP
Lindberg Road <i>Northwestern to Salisbury</i>	Road Reconstruction & Complete Streets	---	2040 MTP
Sagamore Parkway Trail <i>Happy Hollow to Wabash River Bridge</i>	New Trail Construction	1401287	2040 MTP, FY '16 TIP
Soldiers Home Road, Ph 1 <i>Sagamore Pkwy to Kalberer</i>	Road Reconstruction & Urbanization	1401291	2040 MTP, TFP-15, FY '16 TIP
Soldiers Home Road, Ph 2 <i>Kalberer to City Limits</i>	Road Reconstruction & Urbanization	---	2040 MTP, FY '16 TIP
Yeager Road, Ph. 4 <i>End of Pavement to City Limit</i>		---	2040 MTP, FY '16 TIP

LOCATION	PROJECT TYPE	PROJCT or DES NO.	SUPPORTING DOCUMENTATION
Tippecanoe County			
Concord Road <i>At CR 430S</i>	Intersection Improvements	1401282	County Assessment, FY '16 TIP, 5YPS
County Bridge Inspection <i>Various Bridges in County</i>	Inspection Program	1382591	Annual Inspection, FY '16 TIP
Klondike Rd <i>Lindberg Rd to US 52</i>	Road Reconstruction & Widening	1173626	2040 MTP, TFP-14, FY '14 TIP, 5YPS
Lindberg Road <i>Klondike to US 231</i>	Road Reconstruction & Widening	1173627	2040 MTP, TFP-15, FY '14 TIP, 5YPS
Morehouse Road <i>Sagamore Pkwy to CR 500N</i>	Road Reconstruction & Widening	1401280	2040 MTP, FY '14 TIP, 5YPS
North River Road <i>At CR 500N</i>	Intersection Improvements	1401279	County Assessment, FY '14 TIP, 5YPS
River Road <i>At River Bend Hospital</i>	Road Elevation	1401047	County Assessment, FY '14 TIP
Yeager Road <i>City Limits to CR 500N</i>	Road Realignment	1401281	2040 MTP, FY '14 TIP, 5YPS
Bridge Replacement <i>Various Locations</i>	Replacement	---	County Bridge Program, FY '14 TIP,
CR 400E <i>At Clegg Gardens</i>	Ped Xing Improvements	---	County Assessment
Harrison Safety <i>County Farm, CR 500N & CR 600N</i>	Safety Improvements	1700407	County Assessment
McCutcheon Ped Safety <i>Old US 231 & CR 500S</i>	Safety Improvements	1601028	Road Safety Audit
CityBus			
CityBus	Operating Assistance & Capital Assistance	Various	TDP, SP, CHSTP, FY '14 TIP
Purdue University Airport			
Acquire Aircraft Rescue & Fire Fighting Vehicle	New Vehicle	---	AMP
Rehabilitate Runway 05/23 & Connector Taxiway	Reconstruction	---	AMP
East Parallel Taxiway "C"	Environmental Assessment	---	AMP

AMP-Airport Master Plan
 CHSTP – Coordinated Human Service Transit Plan
 Bic./Ped. Plan – Bicycle & Pedestrian Plan
 F/D – Federal Aid Crossing Questionnaire, Diagnostic Review
 TDP – Transit Development Plan
 TFP – Thoroughfare Plan
 TIP – Transportation Improvement Program
 2040 MTP – 2040 Metropolitan Transportation Plan
 SP – CityBus Strategic Plan
 5YPS – Five Year Production Schedule

INDOT Projects

LOCATION	PROJECT TYPE	DES. NO.	SUPPORTING DOCUMENTATION
SR 25 I-65 to 0.1 mi E of CR 750E	New Road Construction	9802920	INDOT Review
SR 25 At Prophetstown's State Park	Environmental Mitigation	0901664	INDOT Review
SR 25 Bridge over Shawnee Creek	Replacement Structure	1298419	INDOT Review, FY '16 TIP, STIP
SR 25 Wallace Ditch	Small Structure Replacement	1500120	INDOT Review, FY '16 TIP, STIP
SR 25 Flint Creek	Bridge Thin Deck Overlay	1602069	INDOT Review
SR 26 4.98 mi. W of US 231	Culvert Clean & Repair	1500096	INDOT Review, FY '16 TIP, STIP
SR 28 SR 25 to US 231	HMA Functional Overlay	1500155	INDOT Review, FY '16 TIP, STIP
SR 28 US 231 to US 52	Road Rehabilitation	1592968	INDOT Review, FY '16 TIP, STIP
SR 28 US 52 to 6.32 mi E of I-65	HMA PM Overlay	1593036	INDOT Review, FY '16 TIP, STIP
SR 28 Wea Creek	Bridge Thin Deck Overlay	1602094	INDOT Review
SR 38 Within Dayton	HMA Functional Overlay	1601073	INDOT Review
SR 38 NS RR Bridge, East Bound	Bridge Thin Deck Overlay	1601997	INDOT Review
SR 38 Elliott Ditch, East Bound	Bridge Thin Deck Overlay	1602056	INDOT Review
SR 38 NS RR Bridge, West Bound	Bridge Thin Deck Overlay	1602057	INDOT Review
SR 43 N of SR 225 to S of SR 18	HMA PM Overlay	1592686	INDOT Review
US 52 0.21 to 3.21 mi N US 231	HMA Functional Overlay	0800132	INDOT Review, FY '16 TIP, STIP
US 52 9 th , 18 th , 22 nd , 26 th , Elston & Old 231	Traffic Signal Maintenance	1172176	INDOT Review, FY '16 TIP, STIP
Old US 52 WB Br. over Wabash R.	Bridge Deck Replacement	1298287	INDOT Review, FY '16 TIP, STIP
US 52 E of US 231 to W of SR 28	Pavement, Other	1500159	INDOT Review, FY '16 TIP, STIP
US 52 4 th Street/Poland Hill	Intersection Improvement	1500277	INDOT Review, FY '16 TIP, STIP
US 52 Wabash R. Bridge to SR 25	PCCP Patching	1592842	INDOT Review, FY '16 TIP, STIP
US 52 At US 231 (Montmorenci)	New Signal Installation	1601884	INDOT Review
US 52 Lauramie Creek	Bridge Thin Deck Overlay	1601992	INDOT Review
US 52 Elliot Ditch	Bridge Thin Deck Overlay	1601999	INDOT Review
US 52 Branch of Elliot Ditch	Bridge Thin Deck Overlay	1602042	INDOT Review

LOCATION	PROJECT TYPE	DES. NO.	SUPPORTING DOCUMENTATION
US 231/52 <i>NB Bridge over Wabash R.</i>	Scour Protection	1382313	INDOT Review, FY '16 TIP, STIP
US 231/52 <i>SB Bridge over Wabash R.</i>	Scour Protection	1382314	INDOT Review, FY '16 TIP, STIP
US 231 <i>0.97 miles north of SR 28</i>	Bridge Replacement	1400217	INDOT Review, FY '16 TIP, STIP
Old 443 <i>Bridge over Old US 52</i>	Bridge Deck Replacement	1298394	INDOT Review, FY '16 TIP, STIP
I-65 <i>NB Br.. over Wabash R.</i>	Bridge Deck Replacement	1005681	INDOT Review, FY '16 TIP, STIP
I-65 <i>SB Br.. over Wabash R.</i>	Bridge Deck Replacement	1005682	INDOT Review, FY '16 TIP, STIP
I-65 <i>N or SR 43 to US 231</i>	HMP PM Overlay	1500154	INDOT Review, FY '16 TIP, STIP
I-65 <i>CR 725N Bridge</i>	Bridge Deck Overlay	1500644	INDOT Review, FY '16 TIP, STIP
I-65 <i>NB Bridge, Prophets Rock Rd</i>	Bridge Deck Overlay	1592704	INDOT Review, FY '16 TIP, STIP
I-65 <i>SB Bridge, Prophets Rock Rd</i>	Bridge Deck Overlay	1592705	INDOT Review, FY '16 TIP, STIP
I-65 <i>NB Bridge, Burnett's Creek</i>	Bridge Deck Overlay	1592725	INDOT Review, FY '16 TIP, STIP
I-65 <i>SB Bridge, Burnett's Creek</i>	Bridge Deck Overlay	1592726	INDOT Review, FY '16 TIP, STIP
I-65 <i>NB Bridge, SR 43</i>	Bridge Deck Replace/Widen	1601088	INDOT Review
I-65 <i>SB Bridge, SR 43</i>	Bridge Deck Replace/Widen	1601090	INDOT Review
I-65 <i>Wyandotte Road</i>	Bridge Thin Deck Overlay	1602033	INDOT Review
I-65 <i>CR 375S</i>	Bridge Thin Deck Overlay	1602096	INDOT Review
Lilly Road <i>CSX Railroad Crossing</i>	Crossing Improvements	1600439	INDOT Review, FY '16 TIP, STIP
W County Line Road <i>NS Railroad Crossing</i>	Crossing Improvements	1600441	INDOT Review, FY '16 TIP, STIP
Statewide	Bridge Inspections	1601209	INDOT Review
Statewide	Underwater Inspections	1601207	INDOT Review
Statewide	Fracture Inspections	1601208	INDOT Review
Statewide	Vertical Clearance Inspections	1601209	INDOT Review

MM: Major Moves

STIP – Indiana DOT TIP

MTP: 2040 Transportation Plan

TIP: Transportation Improvement Program

Appendix 10: CityBus CY 2012, 2013, 2014, 2015 & 2016 Capital and Operating Project Lists & TIGGER Projects

Project, Location & Description	Ph	Fund Code	Federal Funds	Local Funds	Total Cost	Anticipated Year
CityBus						
<i>Financial information shown is calendar year beginning January 1st)</i>						
Operating Assistance (Sec. 5307)	OP	S7O,L1,3,10				
Des # 1172674			1,450,000	5,769,780	10,464,751	CY 2012
Des # 1172675			1,500,000	6,972,401	10,987,989	CY 2013
Des # 1172676			457,773	5,922,091	11,100,000	CY 2014
Des # 1172677			1,300,000	5,792,608	11,557,611	CY 2015
Des # 1382372			1,882,009	6,490,022	11,712,762	CY 2016
Capital Assistance (Sec. 5307)	CA	S7C, L3				
<i>Des numbers for individual projects are shown on the following pages.</i>			787,400	196,850	984,250	CY 2012
			3,239,097	690,135	3,929,232	CY 2013
			1,280,000	262,500	1,542,500	CY 2014
			3,429,200	857,300	4,286,500	CY 2015
			2,782,438	822,210	3,604,148	CY 2016
New Freedom, Section 5317						
Travel Training, Des # 1173583	OP	S17,L10,18	35,450	35,450	70,900	CY 2012
Travel Training, Des # 1298084	OP	S17,L10,18	22,716	22,716	45,432	CY 2013
Access Projects, Des # 1382673	CA	S17, L10,18	80,000	20,000	100,000	CY 2013
ADA Ramps, Des # 1382674	PE	S17, Local	80,000	20,000	100,000	CY 2013
ADA Ramps, Des # 1382674	CN	S17, Local	710,202	177,551	887,753	CY 2013
Job Access and Reverse						
350S Service, Des # 1173581	OP	S16,L10,18	346,103	346,103	692,206	CY 2012
IU Hospital & Evening Routes, Des # 1173582	OP	S16,L10,18	185,737	185,737	371,474	CY 2012
Continue 350S Service, Des # 1298082	OP	S16,L10,18	215,250	215,250	430,500	CY 2013
Extend Late Night Service Des # 1298083	OP	S16,L10,18	143,500	143,500	287,000	CY 2013
TIGGER Wind Energy Project	CA	TIGGER	91,239	0	91,239	CY 2013
<i>Des Numbers for individual are shown on page 96</i>						
Capital Assistance (Sec. 5339)						
Paratransit Vehicles	CA	S39C,L3	304,000	76,000	380,000	CY 2014
Purchase Fixed Route Buses	CA	S39C,L3	1,353,420	338,355	1,691,775	CY 2014

1. REPLACEMENT BUS TIRES - \$62,500

Des #1172678

With over 1.5 million miles of service operated on annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,860. The total budget for tires is \$62,500.

2. BUS OVERHAUL

A. Rebuild up to two (2) Bus Engines - \$12,500

Des #1172679

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to two (2) engine rebuilds in 2012 at an average cost of \$11,250 each (\$50,000 each new).

B. Rebuild up to four (4) Bus Transmissions - \$25,000

Des #1172680

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each transmission is \$6,250.

C. Rebuild up to twenty Major Bus Components - \$25,000

Des #1172681

Based on 2011 and similar experience in previous years, CityBus anticipates the need for up to twenty (20) units to be rebuilt in FY 2012 such as turbochargers, alternators, ECM's, fuel pumps etc. Estimated average cost of each unit rebuild is \$1,250 per unit for a total cost of \$25,000.

3. MAINTENANCE EQUIPMENT - \$5,000

Des #1297243

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.

4. PASSENGER SHELTERS - \$15,000

Des #1297244

The need exists for additional shelters on the campus routes where large groups of riders are waiting for the bus and in areas of Lafayette where new routing has occurred. The total budgeted cost will include purchase and installation for approximately \$15,000.

5. REHAB BUILDING OVERHEAD DOORS - \$25,000

Des #1297245

Glass panels and controllers on many of the overhead doors are in need of rehab or replacement after years of use seven (7) days a week. The proposed budget is \$25,000.

6. COMPUTER HARDWARE AND SOFTWARE UPGRADES- \$30,000

Des #1172684

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two or three years in order for employees and systems to operate efficiently and effectively. Estimated cost is \$30,000

7. REPLACE OFFICE FURNISHINGS AND CARPETING - \$5,000

Des #1297246

Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$5,000.

8. REPLACEMENT ACCESS VEHICLE - \$62,500

Des #1382671

The need exists for replacement of one (1) demand response (Access) vehicle. Vehicle #440 is a 2006 Supreme paratransit of a Ford chassis and it meets the requirements of FTA Circular 9030.1D in terms of age for replacement. The proposed budget for this line item is \$62,500.

9. REPLACE WINDOWS/CABINETS OF GLPTC'S LAFAYETTE CHILD CARE BUILDING - \$6,250

Des #1297247

Due to weathering and continuous use of the windows, cabinets, plumbing, heating and cooling equipment in the buildings at 218 Ferry St. and 385 Brown St., leased to Tippecanoe Child Care, the need exists for replacements. The proposed budget for this line item is \$6,250.

10. PURCHASE OF ONE (1) 40 FT FIXED ROUTE HYBRID BUS - \$710,500

Des #1172686

Because of the age and condition of the current buses in the fleet, CityBus desires to replace one (1) full size 40' diesel transit bus with one (1) 40' Hybrid transit bus. The bus being replaced is over 12 years in age, and meets the guidelines outlined in FTA Circular 9030.1A. The bus being replaced is # 1001. It was manufactured by GILLIG in 1998. The proposed budget for this line item is \$710,500.

<i>Project</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replace Bus Tires	50,000	12,500	62,500
Bus Overhaul			
Rebuild Bus Engines	10,000	2,500	12,500
Rebuild Bus Transmissions	20,000	5,000	25,000
Major Bus Components	20,000	5,000	25,000
Maintenance Equipment	4,000	1,000	5,000
Passenger Shelter	12,000	3,000	15,000
Rehab Overhead Doors	20,000	5,000	25,000
Computer Hardware & Software	24,000	6,000	30,000
Office Furniture & Carpet	4,000	1,000	5,000
Replacement Access Vehicle	50,000	12,500	62,500
Replace Windows & Cabinets	5,000	1,250	6,250
One Fixed Route Hybrid Bus	568,400	142,100	710,500
TOTAL	787,400	196,850	984,250
Operating Assistance, Des # 1172674	1,450,000	5,769,780	10,464,751

Section 5307 Capital and Operating Expenditures for CY 2013

1. REPLACEMENT BUS TIRES - \$62,500

Des #1172687

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$1,665.

2. BUS OVERHAUL

A. Rebuild up to five (2) bus engines - \$12,500,

Des #1172688

Based on 2010 and similar experience in previous years, CityBus anticipates the need for up to two (2)

B. Rebuild up to three (4) bus transmissions - \$25,000,

Des #1172689

Based on 2010 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds.

C. Bus rebuild components - \$25,000,

Des #1172690

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on 2008 and similar experience, up to two (2) units of each item may be needed.

3. COMPUTER HARDWARE AND SOFTWARE UPGRADES- \$25,000 *Des #1172692*
A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively.
4. MAINTENANCE EQUIPMENT - \$5,000 *Des #1382132*
Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.
5. REHAB BUILDING OVERHEAD DOORS - \$25,000 *Des #1382131*
Glass panels and controllers on many of the overhead doors are in need of rehab or replacement after years of use seven (7) days a week.
The proposed budget is \$25,000.
6. REPLACE OFFICE FURNISHINGS AND CARPETING - \$10,000 *Des #1382130*
Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$10,000.
7. REPLACEMENT FAREBOXES - \$325,000 *Des #1382133*
CityBus needs to replace the fareboxes on their fixed route buses. Technology upgrades will allow CityBus to increase fares in increments of less than \$1.00, accept fare cards in addition to bills and coins, and will recognize counterfeit coins which are found almost daily. This line item will replace approximately half of the fareboxes currently installed in the fixed route fleet. The proposed budget for this line item is \$325,000.
8. COMPRESSED NATURAL GAS (CNG) FUELING STATION - \$1,500,000 *Des #1382672 & 1382006*
CityBus desires to build a facility that will provide compressed natural gas (CNG) for CNG buses. This facility would be usable for the buses in the CityBus fleet and other municipalities that desire to refuel their CNG powered vehicles. This line item represents almost 49% of the total cost budgeted for the facility. The engineering tasks include the work necessary to acquire the equipment to operate a CNG station and provide specifications and drawings illustrating where all of the equipment is to be located, as well as all underground plumbing for the delivery of the gas to the dispenser. Additional engineering work will identify all the changes needed to store and maintain vehicles powered by CNG. The proposed budget for this line item is \$120,000 for engineering and \$1,380,000 for construction
9. SUPPORT VEHICLE - \$0, *Des #1172693*
Replace the 2003 Ford Windstar. The support vehicle to be replaced was purchased in 2003. This vehicle will exceed the requirements of FTA Circular 9030.1A in terms of age for replacement.
10. BUS REPLACEMENT - \$1,914,232, *Des #1172694*
Due to age and condition of several buses in the fleet, CityBus desires to purchase up to four (4) replacement full-sized transit buses. CityBus will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1A. The buses being replaced are over 12 years in age, and are becoming increasingly too expensive to maintain and be reliable. CityBus will replace Bus #1006 through #1009 (1998 (Gilligs).
11. SAFETY AWARENESS CAMPAIGN - \$30,000 *Des #1401150*
(This project is funded through FHWA STP Funds)
This project expands a safety campaign that was initiated early in 2014. The campaign focuses on students, faculty and staff around the Purdue campus and its main goal is to heighten awareness regarding distracted pedestrians, cyclists and motorists as well as intoxicated driving. The project includes bus wraps, advertisement, flyers, cards, posters, T-shirts, windbreaks and a display.

<i>Project</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replacement Tires	50,000	12,500	62,500
Engine Rebuilds	10,000	2,500	12,500
Transmission Rebuilds	20,000	5,000	25,000
Bus Rebuild Components	20,000	5,000	25,000
Computer Hardware and Software Upgrades	20,000	5,000	25,000
Maintenance Equipment	4,000	1,000	5,000
Rehab Building Overhead Doors	20,000	5,000	25,000
Replace Office Furnishings & Carpet	8,000	2,000	10,000
Replace Fareboxes	260,000	65,000	325,000
CNG Fueling Station (Engineering)	96,000	24,000	120,000
CNG Fueling Station (Construction)	1,080,000	270,000	1,350,000
Support Vehicle	0	0	0
Bus Replacement	1,627,097	287,135	1,914,232
Safety Awareness Campaign	24,000	6,000	30,000
TOTAL	3,239,097	690,135	3,929,232

Operating Assistance, Des # 1172675	1,500,000	6,972,401	10,987,989
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TIGGER Wind Energy Project

MAINTENANCE EQUIPMENT - \$14,982

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the various types of repairs encountered by technicians. The equipment includes replacement of the gas dispenser, non-skid coating bus hoist tops, rotary bridge jack and two vehicle maintenance hoses. The proposed budget for this line item is \$14,982

REPLACEMENT SUPPORT VEHICLE - \$56,350

CityBus needs a replacement for the 2001 Dodge Ram Truck used by maintenance for emergency servicing of buses on the street. This vehicle has exceeded the requirements of FTA Circular 9030.1D in terms of age for replacement. The proposed budget is \$56,350.

COMPUTER HARDWARE AND SOFTWARE UPGRADES - \$19,907

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Computer systems need to be replaced or updated every two or three years in order for employees and systems to operate efficiently and effectively. The upgrades include a network backup system network web filter, network copier/printer/scanner/fax and CAD/AVL server upgrade. The proposed budget for this line item is \$19,907.

<i>Project</i>	<i>Des #</i>	<i>Federal Share</i>	<i>Local Share</i>	<i>Total Cost</i>
Replacement Gas Dispenser	1382662	8,099	0	8,099
Non-Skid Coating, Bus Hoist Tops	1382663	2,046	0	2,046
Rotary Bridge Jack	1382664	4,130	0	4,130
Vehicle Maintenance Hose (x2)	1382665	797	0	797
Pickup Truck w/ Service Body	1172685	56,350	0	56,350
Network Backup System	1382666	6,678	0	6,678
Network Web Filter	1382667	1,124	0	1,124
Network Copier/Printer/Scan/Fax	1382668	5,567	0	5,567
CAD AVL Server Upgrade	1382670	6,538	0	6,538
TOTAL		91,239	0	91,239

Section 5307 Capital and Operating Expenditures for CY 2014

1. REPLACEMENT TIRES - \$62,500 *Des # 1172695*

With over 1.5 million miles of service operated on annual basis and mileage scheduled to increase due to service needs in the community and the Purdue University service area, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage occurring on each bus annually. Budgeted amount for tires for each unit is \$1,860.

2. REBUILD UP TO FIVE BUS ENGINES - \$62,500 *Des #1172696*

Due to age, CityBus anticipates the need for up to five (5) engine rebuilds in 2014 at an average cost of \$12,500 each.

3. REBUILD UP TO FOUR BUS TRANSMISSIONS - \$25,000 *Des #1172697*

Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to four (4) transmission rebuilds. Estimated average cost of each one is \$6,250.

4. REBUILD MAJOR BUS COMPONENTS - \$35,000 *Des #1172698*

Based on 2013 and similar experience in previous years, CityBus anticipates the need for up to twenty-eight (28) units to be rebuilt in FY 2014 such as turbochargers, alternators, ECM's, fuel pumps, etc. Estimated average cost of each unit rebuild is \$1,250 per unit for a total cost of \$35,000.

5. MAINTENANCE EQUIPMENT - \$5,000 *Des #1400652*

Some maintenance equipment is in need of replacement, and due to new technology, some new equipment is needed to complete the varied types of repairs encountered by technicians. The proposed budget for this line item is \$5,000.

6. SUPPORT VEHICLE - \$35,000 *Des #1172700*

Replace the 2001 Dodge truck. This vehicle will exceed the useful life requirements of FTA Circular 5010.D (and 9030.1E) in terms of age for replacement. The proposed budget for this line item is \$35,000.

7. COMPUTER HARDWARE AND SOFTWARE - \$25,000 *Des #1172699*

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively. Estimated cost is \$25,000.

8. REPLACE OFFICE EQUIPMENT AND FURNISHINGS - \$10,000 *Des #1400653*

Some office furnishings are over 35 years old and in need of replacement. The proposed budget for this line item is \$10,000.

9. REPLACEMENT FAREBOXES - \$325,000 *Des #1400654*

CityBus needs to replace the fareboxes on their fixed route buses. Technology upgrades will allow CityBus to increase fares in increments of less than \$1.00, accept fare cards in addition to bills and coins, and will recognize counterfeit coins which are found almost daily. This line item will replace approximately half of the fare boxes currently installed in the fixed route fleet. The proposed budget for this line item is \$325,000.

10. PURCHASE OF TWO (2) FIXED ROUTE BUSES - \$920,000 *Des #1172701*

Because of the age and condition of the current buses in the fleet, CityBus desires to replace six (6) full size diesel transit buses with six (6) replacement buses. The buses being replaced are over 12 years in age, and meet the guidelines for replacement outlined in FTA Circular 5010.1D (and 9030.1E). The buses being replaced are #1005, #1105, #1106, #1109, #1110, and #1112. They were manufactured by Gillig in 1998. The proposed budget for this line item and for Section 5339 fixed route bus replacement is \$2,108,235.

Note: the dollar amount shown does not include Section 5339 funds.

11. ELECTRIC LIGHTING UPGRADES – BUS GARAGE PARKING AREA - \$18,750 *Des #1400655*

Adequate lighting is needed for the bus garage parking area. The lighting in the affected area of the bus garage is dim or nonexistent. The proposed budget for this line item is \$18,750.

12. RELOCATION OF CLEAR DIESEL PUMP - \$18,750

Des #1400657

CityBus has an outdoor clear diesel pump, which over time has incurred significant exposure to weather conditions and no longer functions as originally intended. The pump would be moved indoors to an appropriate location in the fueling bay. The proposed budget for this line item is \$18,750.

	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
Replacement Tires	50,000	12,500	62,500
Engine Rebuilds	50,000	12,500	62,500
Transmission Rebuilds	20,000	5,000	25,000
Bus Rebuild Components	28,000	7,000	35,000
Maintenance Equipment	4,000	1,000	5,000
Support Vehicles	28,000	7,000	35,000
Computer Hardware/Software Upgrade	20,000	5,000	25,000
Replace Office Equipment & Furnishings	8,000	2,000	10,000
Replacement Fareboxes	260,000	65,000	325,000
Purchase of Five Fixed Route Buses	782,000	138,000	920,000
Electrical Lighting Upgrades	15,000	3,750	18,750
Relocation of Clear Diesel Pump	15,000	3,750	18,750
TOTAL	1,280,000	262,500	1,542,500
Operating Assistance, Des # 1172676	457,773	5,922,091	11,100,000

Section 5339 Capital Expenditure, Justification & Summary for CY 2014

1. PURCHASE FIVE (5) PARATRANSIT VEHICLES - \$380,000

Des #1400658

During 2013, due primarily to the local Area IV agency no longer being able to provide transit service in mid-year, monthly paratransit ridership increased an average of 16.7% from the same periods in 2012 for the months of July-December, with two months showing 20% ridership increases from the prior year. The average age of the demand response fleet is 7 years. Except for two 2011 buses, all vehicles are older than seven years, which is the useful life for medium-size, medium-duty transit buses per FTA Circular 5010.1D. Average demand response fleet mileage at December 31, 2013 was 149,063 miles/fleet vehicle. Current fleet vehicles are increasingly expensive to properly maintain.

2. PURCHASE OF FOUR (4) FIXED ROUTE BUSES - \$1,691,775

Des #1172701

Project justification can be found under the Section 5307 project list, project number 10.

Note: the dollar amount shown does not include Section 5307 funds.

Section 5307 Capital and Operating Expenditures for CY 2015

1. REPLACEMENT TIRES - \$60,000

Des #1172703

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$1,765.

2. BUS OVERHAUL, \$113,000

a. Rebuild up to four (4) bus engines - \$61,000

Des #1172704

Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

b. Rebuild up to three (3) bus transmissions - \$150,00

Des #1172705

GLPTC's first hybrid diesel-electric buses were purchased in 2007 and are now several years old. GLPTC needs to program additional federal funding for the rebuilding of transmissions as a contingency should hybrid transmission need to be rebuilt in FY 2015.

c. Bus rebuild components - \$28,000

Des #1172706

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

3. COMPUTER HARDWARE AND SOFTWARE, \$30,000

Des #1172707

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively

4. SUPPORT VEHICLE - \$35,000

Des #1172708

Replace the 2003 Ford F-250 Truck. This vehicle will exceed the requirements of FTA Circular 9030.1A for age for replacement.

5. BUS REPLACEMENT - \$3,167,500

Des #1172709

GLPTC is increasing the quantity of full-sized buses to be replaced in 2015 from three to six. GLPTC will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age. The buses being replaced are 1998 Gilligs, buses number 1001, 1002, 1003, 1005, and 1999 Gilligs 1101 and 1102.

6. TEN FAREBOXES - \$140,000 and GENFARE DATA SYSTEM - \$15,000

Des #1500325 & 1500326

GLPTC is replacing outdated fareboxes that have been in use since the 1980s. In 2014, GLPTC replaced 48 units with new SPX Genfare Odyssey Fareboxes. For this project, GLPTC will procure ten additional fareboxes to complete installation across the entire fleet. The new technology validates coins and bills, providing a more accurate count of GLPTC's revenue, and offers the ability to offer new fare options. The data system is used to organize and manage data collected in the fareboxes and generates reports on revenue, ridership, farebox maintenance, security, and other management issues. The outdated data system will be replaced.

7. ACQUIRE PROPERTY - \$350,000

Des #1500327

GLPTC seeks to acquire property for future expansion of its administration and maintenance facilities.

8. REHABILITATE ADMINISTRATION FACILITY - \$50,000

Des #1500328

Updates are needed to make the main entrance to the administration facility fully ADA accessible.

9. ELECTRONIC WAYSIDE SIGNS - \$100,000

Des #1500329

GLPTC will install electronic signage inside shelters and at bus stops. These signs display real-time departure information for transit riders.

10. BIKE REPAIR STATION AT CBC - \$15,000

Des #1500330

Bicyclists are using transit in increasing numbers. Each fixed route bus is equipped with a bike rack and bicycle parking is provided at CityBus Center (CBC), the bus transfer station located in downtown Lafayette. A bike repair station will be made available for public use. The station will include air for tires and basic tools for making simple repairs.

11. CHARGING STATION AT CBC - \$5,000

Des #1500331

The lobby at CityBus Center is a place where passengers wait between trips on local fixed route buses and commuter lines such as Greyhound. Because riders are using mobile electronic devices to access transit information, GLPTC will provide a station of electrical outlets so that riders can plug their devices in for charging while they are using the center.

12. PUBLIC ARE PROJECT AT CBC - \$20,000

Des #1500332

The CityBus Center plaza area is a public space which can be enhanced by public art. GLPTC will acquire art for installation on the plaza and inside the lobby area.

13. SHELTERS - \$30,000 AND SHELTER LIGHTING - \$30,000

Des #1500333 & 1500334

GLPTC will install passenger shelters at bus stops and will install solar lighting systems to enhance public safety.

<u>Item #</u>	<u>Project</u>	<u>Federal Share</u>	<u>Local Share</u>	<u>Total Cost</u>
1	Replacement Tires	48,000	12,000	60,000
2a	Bus Overhaul, Rebuild Engines	48,800	12,200	61,000
2b	Bus Overhaul, Rebuild Transmissions	120,000	30,000	150,000
2c	Bus Overhaul, Rebuild Components	22,400	5,600	28,000
3	Computer Hardware & Software	24,000	6,000	30,000
4	Support Vehicle	28,000	7,000	35,000
5	Bus Replacement	2,534,000	633,500	3,167,500
6	Ten Fareboxes	112,000	28,000	140,000
7	Genfare Data System	12,000	3,000	15,000
8	Acquire Property	280,000	70,000	350,000
9	Rehabilitate Administration Facility	40,000	10,000	50,000
10	Electronic Wayside Signs	80,000	20,000	100,000
11	Bike Repair Station at CBC	12,000	3,000	15,000
12	Charging Station at CBC	4,000	1,000	5,000
13	Public Art Project at CBC	16,000	4,000	20,000
14	Shelters	24,000	6,000	30,000
15	Shelter Lighting	24,000	6,000	30,000
	Total	3,420,200	857,300	4,286,500
	Operating Assistance, Des # 1172677	1,300,000	5,792,608	11,557,611

Section 5307 Capital and Operating Expenditures for CY 2016

1. REPLACEMENT TIRES - \$60,000

Des #1172703

With over 1.5 million miles of service operated on an annual basis and mileage increasing due to the service agreement with Purdue University, this request constitutes replacement of tires on approximately 50% of the full size coaches. Six tires are required for each bus. The expected life of the tires is over one (1) year considering the average mileage run on each tire. Budgeted amount for tires for each unit is \$1,765.

2. BUS OVERHAUL, \$113,000

a. Rebuild up to four (4) bus engines - \$61,000

Des #1172704

Based on 2013 and similar experience in previous years, CityBus anticipates the need to rebuild up to five (5) engines at an average cost of \$15,250 each.

b. Rebuild up to three (3) bus transmissions - \$150,00

Des #1172705

GLPTC's first hybrid diesel-electric buses were purchased in 2007 and are now seven years old. GLPTC needs to program additional federal funding for the rebuilding of transmissions as a contingency should hybrid transmission need to be rebuilt in FY 2015.

c. Bus rebuild components - \$28,000

Des #1172706

Replacement components: turbo charge units, charge air coolers, alternators, ECM's, outboard planetary differentials, fuel pumps, and brake units. Based on the previous years' experience, up to two (2) units of each item may be needed at the average cost of \$2,000 each.

3. COMPUTER HARDWARE AND SOFTWARE, \$30,000

Des #1172707

A continuous investment must be made in up-to-date computer technology for administrative and maintenance employees. Many computer systems need to be replaced or updated every two to three years in order for employees and systems to operate efficiently and effectively

4. SUPPORT VEHICLE - \$35,000

Des #1172708

Replace the 2003 Ford F-250 Truck. This vehicle will exceed the requirements of FTA Circular 9030.1A for age for replacement.

5. BUS REPLACEMENT - \$3,167,500

Des #1172709

GLPTC is increasing the quantity of full-sized buses to be replaced in 2015 from three to six. GLPTC will replace the vehicles per FTA guidelines outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age. The buses being replaced are 1998 Gilligs, buses number 1001, 1002, 1003, 1005, and 1999 Gilligs 1101 and 1102.

6. TEN FAREBOXES - \$140,000 and GENFARE DATA SYSTEM - \$15,000 *Des #1500325 & 1500326*

GLPTC is replacing outdated fareboxes that have been in use since the 1980s. In 2014, GLPTC replaced 48 units with new SPX Genfare Odyssey Fareboxes. For this project, GLPTC will procure ten additional fareboxes to complete installation across the entire fleet. The new technology validates coins and bills, providing a more accurate count of GLPTC's revenue, and offers the ability to offer new fare options. The data system is used to organize and manage data collected in the fareboxes and generates reports on revenue, ridership, farebox maintenance, security, and other management issues. The outdated data system will be replaced.

Appendix 11, Public Notices

January 31, 2017

Funding Transportation Projects Public Notice

The staff of the Area Plan Commission (APC) is developing the Fiscal Year 2018–2021 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This posting notifies the general public that a TIP is being developed, requests comments and invites questions concerning its contents.

The TIP lists all local and state transportation projects proposed within Tippecanoe County over the next four years. This includes projects sponsored by Lafayette, West Lafayette, Tippecanoe County, Clarks Hill, Dayton, Battle Ground, CityBus, the Purdue University Airport and INDOT.

Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP will satisfy the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

Since our area receives a limited amount of federal funds, the Technical Transportation Committee will review, discuss and prioritize proposed projects at its February 15, 2017, meeting, at 2:00 p.m. in the Lafayette City Hall, second floor conference room. A copy of the proposed projects is available upon request.

After the February 15th meeting, the Area Plan Commission staff will develop the draft TIP. When complete, the draft TIP will then be reviewed by the Technical Transportation and Citizen Participation Committees before review and adoption by the Policy Board. All meetings are open to the public; we encourage your participation.

All available project information can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and at www.tippecanoe.in.gov/apc, on the Transportation Planning page. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
20 North 3rd St.
Lafayette, IN 47901
(765) 423-9242
Fax: (765) 423-9154
email: dpoad@tippecanoe.in.gov

Reference Number: 2017-031

March 14, 2017

Transportation Improvement Program Funding Transportation Projects Public Notice

The staff of the Area Plan Commission (APC) is developing the Fiscal Year 2018–2021 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This posting invites citizens to a public meeting to review, provide comments and ask questions about the document and the projects being included for funding.

The draft document will be presented at the Citizen Participation Committee (CPC) meeting on March 28, 2017, at 7:00 p.m., in the Grand Prairie Room, Tippecanoe County Office Building.

The document lists local road, state highway, transit, bicycle, and pedestrian projects proposed within Tippecanoe County over the next four years. Since the Lafayette, West Lafayette, and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of proposed projects was developed. The TIP includes a discussion of Complete Streets, Environmental Justice, the Financial Summary and Plan, and a project status report.

Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and (time established for) public review of and comments on the TIP satisfies the FTA's Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

All available information, including the draft document, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and on the Transportation Improvement Program web page which can be accessed at: <http://www.tippecanoe.in.gov/401/Transportation-Planning>.

If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
(765) 423-9242
email: dpoad@tippecanoe.in.gov

Reference Number: 2017-076

14 de Marzo de 2017

Programa de Mejoras de Transporte Financiación de Proyectos de Transporte Aviso Público

El personal del Comité de Planificación Regional (APC siglas en Inglés) ha desarrollado un Programa de Mejoras de Transporte para el año fiscal 2018-2021 que comprende el área de Lafayette, West Lafayette y el Condado de Tippecanoe. Este comunicado invita a los ciudadanos a una junta pública para revisar, formular observaciones y hacer preguntas sobre el documento y los proyectos que se incluyen para la financiación.

El borrador de este documento será presentado en la Junta del Comité de Participación Ciudadana (CPC siglas en Inglés) el 28 de marzo de 2017 a las 7:00 p.m. en la sala "Grand Prairie", del Edificio del Condado de Tippecanoe.

Este documento señala las propuestas de los proyectos dentro del Condado de Tippecanoe sobre calles locales, carreteras estatales, tránsito, bicicletas y peatones para los próximos cuatro años. Ya que el área de Lafayette, West Lafayette y el Condado de Tippecanoe recibe una cantidad limitada de fondos del gobierno federal, se ha preparado una lista para dar prioridad a los proyectos presentados. El Programa de Mejoras de Transporte (TIP siglas en Inglés) incluye una exposición completa de las calles, la justicia medioambiental, la planificación, un resumen financiero y un informe actualizado del proyecto.

La Corporación de Transporte Público del Sector de Lafayette ("CityBus") está en búsqueda de ayuda financiera de la Administración Federal de Tránsito (FTA siglas en Inglés) del Departamento de Transporte de los Estados Unidos bajo la Ley Federal de Tránsito de 1964, como leyes relacionadas y enmendadas. Este comunicado de actividades de participación pública, (con hora establecida), revisión pública y comentarios sobre el Programa de Mejoras de Transporte (TIP) satisface los requisitos para el Programa de Proyectos de la Administración Federal de Tránsito (FTA). El programa presentado será el último programa a menos que se enmiende y se publique un aviso final.

Toda la información disponible, que incluye también el borrador del documento, puede ser vista en la oficina del Comité de Planificación Regional del Condado de Tippecanoe en 20 North 3rd Street, Lafayette, Indiana, y en la página web del Programa de Mejoras de Transporte accesible a través de: <http://www.tippecanoe.in.gov/401/Transportation-Planning>.

Si tiene preguntas o comentarios concernientes al Programa de Mejoras de Transporte (TIP), por favor diríjelas al señor:

Doug Poad
Planificador Principal de Transporte
(765) 423-9242
Correo electrónico: dpoad@tippecanoe.in.gov

Número de referencia: 2017-076

April 26, 2017

Transportation Improvement Program Funding Transportation Projects Public Notice

The staff of the Area Plan Commission (APC) is developing the Fiscal Year 2018-2021 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and Tippecanoe County area. This notice is provided as a part of our citizen participation process and invites citizens to review, comment and ask questions about the projects being included for funding.

The draft TIP is now complete and is available for review and comment. The document includes lists of local and state road projects, transit projects, and the community's priorities. It also identifies which transportation projects will receive our local federal transportation funds.

The Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP satisfies the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

On May 11th, 2017, at 2:00 p.m., the Policy Board of the Metropolitan Planning Organization for Lafayette, West Lafayette and Tippecanoe County will review and take action on the Fiscal Year 2018-2021 TIP. The Policy Board meets in the Board of Public Works Room in the Lafayette City Hall, 20 North 6th Street, Lafayette Indiana. The building and room are handicapped accessible. The hearing may be continued from time to time as necessary.

All available information, including the draft TIP, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and on the Transportation Improvement Program web page which can be accessed at: <http://www.tippecanoe.in.gov/401/Transportation-Planning>. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad
Senior Planner - Transportation
(765) 423-9242
Fax: (765) 423-9154
email: dpoad@tippecanoe.in.gov

Reference Number: 2017-142

26 de abril de 2017

Programa de Mejoras de Tránsito Financiamiento de Proyectos de Tránsito Aviso Público

El personal del Comité de Planeación Regional (APC - siglas en inglés) se encuentra desarrollando un Programa de Mejoras de Tránsito (TIP) con respecto al año fiscal 2018-2021 para Lafayette, West Lafayette, y el área del Condado de Tippecanoe. Este aviso se ha preparado como parte del proceso de participación ciudadana e invita a éstos a revisar, formular observaciones y hacer preguntas sobre los proyectos que se incluyen para financiación.

El borrador del TIP ya está finalizado y se encuentra disponible para revisarlo y hacer comentarios. Este documento contiene una lista de proyectos de vías locales y estatales, proyectos de tránsito y prioridades de la comunidad. Éste también identifica qué proyectos de tránsito recibirán de nuestro fondo federal de transporte local.

La Corporación de Transporte Público de Greater Lafayette (conocida como "CityBus") busca asistencia financiera de la Administración Federal de Transporte (FTA- siglas en inglés) del Departamento de Transporte de los Estados Unidos bajo el Acta Federal de Tránsito de 1964, como leyes relacionadas y enmendadas. Este aviso de actividades de participación oficial y el tiempo determinado para la revisión pública de los comentarios de la TIP, satisfacen los requisitos de los Proyectos del Programa. El programa propuesto será el programa final a menos que se hagan enmiendas y se anuncie un aviso público.

El 11 de mayo de 2017 a las 2:00 p.m., el Comité de Políticas de la Organización Metropolitana de Planeamiento de Lafayette, West Lafayette y el Condado de Tippecanoe revisará y tomará acción del TIP para el año fiscal 2018-2021. El Comité de Políticas se reúne en el Salón de Juntas para Trabajos Públicos en el Palacio Municipal (City Hall) de Lafayette localizado en la 20 Norte con Calle 6^{ta}, Lafayette, Indiana. El edificio y el salón son espacios accesibles para personas con discapacidad. La audiencia podría aplazarse las veces que sea necesario.

Toda la información disponible, incluyendo el borrador del TIP pueden verse en la oficina del Comité de Planeación del Condado de Tippecanoe localizada en la 20 Norte con Calle 3^{ra}, Lafayette, Indiana, y también en la página web del Programa de Mejoras de Tránsito en: <http://www.tippecanoe.in.gov/401/Transportation-Planning>. Si tiene preguntas o comentarios concernientes al TIP, por favor diríjalos a:

Doug Poad
Planificador Principal de Tránsito
Tel: (765) 423-9242
Fax: (765) 423-9154
Correo Electrónico: dpoad@tippecanoe.in.gov

Número de Referencia: 2017-142

Appendix 12, Legal Notices and Press Release

CONFIRMATION



Classified Advertising
823 Park East Blvd, Suite C,
Lafayette, IN 47905
765-423-5512

AREA PLAN COMM. OF TIPPECANOE
20 N THIRD ST
LAFAYETTE IN 47901-

Account	AD#	Ordered By	Tax Amount	Total Amount	Payment Method	Payment Amount	Amount Due
LAF-0000002933	0001919710	KATHY LINDY	\$0.00	\$67.28	Invoice	\$0.00	\$67.28

Sales Rep: ahischemil

Order Taker: ahischemil

Order Created 02/08/2017

Product	Placement	Class	# Ins	Start Date	End Date
LAF-JCOonline.com	LAFW-Public Notices	Legal Notices	1	02/11/2017	02/11/2017
LAF-The Journal and Courier	LAF-Public Notices	Legal Notices	1	02/11/2017	02/11/2017

* ALL TRANSACTIONS CONSIDERED PAID IN FULL UPON CLEARANCE OF FINANCIAL INSTITUTION

Journal and Courier
823 Park East Blvd, Ste C
Lafayette, IN 47905
RECEIVED
FEB 21 2017

Area Plan Commission of Tippecanoe

(Governmental Unit)

Tippecanoe County, IN

THE AREA PLAN COMM.
OF TIPPECANOE CO.

Ad order #

1919710

Federal ID# 16-0990985

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set--number of equivalent lines.

COMPUTATION OF CHARGES

58.00	lines	2 cols. wide equals	116.00	equivalent	
lines	0.5800	cents per			\$67.28
Additional charge for notices containing rule or tabular work (50 percent of above amount)					\$0.00
Charge for extra proofs of publication (\$1.00 for each proof in excess of two)					\$0.00
TOTAL AMOUNT OF CLAIM					\$67.28

NOTICE THAT THE FISCAL YEAR 2018 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM IS BEING DEVELOPED REGARDING PROJECTS SEEKING URBAN FEDERAL TRANSPORTATION FUNDS FOR THE AREA PLAN COMMISSION OF TIPPECANOE COUNTY

Notice is hereby given that the Area Plan Commission of Tippecanoe County (APC) is developing the FY 2018-2021 Transportation Improvement Program (TIP). This public notice is intended to inform citizens that a TIP is being developed, to request comments and to invite questions concerning its contents.

The TIP lists local and state transportation projects proposed within Tippecanoe County over the next four years. This includes projects sponsored by the Cities of Lafayette and West Lafayette, Tippecanoe County, Clark Hill, Dayton, Battle Ground, Citybus, the Purdue University Airport and the Indiana Department of Transportation (INDOT). At this time APC Staff is compiling these lists of projects.

Greater Lafayette Public Transportation Corporation ("Citybus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1984, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP will satisfy the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

Since our area receives a limited amount of federal funds, the Technical Transportation Committee will review, discuss and prioritize proposed projects at its February 15th 2017 meeting, at 2:00 p.m. in the Lafayette City Hall, second floor conference room. A copy of the proposed projects is available upon request.

After the February 15th meeting, the Area Plan Commission staff will develop the draft TIP. When complete, the draft TIP will then be reviewed by the Technical Transportation and Citizen Participation Committees before review and adoption by the Policy Board. All meetings are open to the public; we encourage your participation.

A list of all projects and other pertinent documentation can be viewed in the offices of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette, Indiana, during normal office hours or on the APC website at www.tippecanoe.in.gov/apc.

AREA PLAN COMMISSION OF
TIPPECANOE COUNTY, INDIANA

BY: N. Sallie Dea Faher
EXECUTIVE DIRECTOR

Date Approved 01/30/17

(LIC-02/11/17-0001919710)

Acts 1953, I hereby certify that the foregoing account is just and correct, that the edits, and the no part of the same has been paid.

PUBLISHER'S AFFIDAVIT

Personally appeared before me, a notary public in and for said county and state, the undersigned Rafatou Apoudjak who, being duly sworn, says that she is Clerk of the Journal and Courier a daily newspaper of general circulation printed and published in the English language in the city of Lafayette in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper 1 time(s), the date(s) of publication being as follows:

2/11/2017

Rafatou Apoudjak

Subscribed and sworn to before me this : Monday, February 13, 2017

CONFIRMATION

STARMEDIA

A GANNETT COMPANY

Star Media
130 S. Meridian Street
Indianapolis, In 46225

AREA PLAN COMM. OF TIPPECANOE
20 N THIRD ST
LAFAYETTE IN 47901-

Account	AD#	Net Amount	Tax Amount	Total Amount	Payment Method	Payment Amount	Amount Due
LAF-0000002933	0002103167	\$54.66	\$0.00	\$54.66	Invoice	\$0.00	\$54.66

Sales Rep: ahischemil

Order Taker: ahischemil

Order Created 04/27/2017

Product	Placement	Classification	# Ins	Start Date	End Date
LAF-JCOnline.com	LAFW-Public Notices	Legal Notices	1	04/29/2017	04/29/2017
LAF-The Journal and Courier	LAF-Public Notices	Legal Notices	1	04/29/2017	04/29/2017

* ALL TRANSACTIONS CONSIDERED PAID IN FULL UPON CLEARANCE OF FINANCIAL INSTITUTION

Text of Ad: 04/27/2017

NOTICE of PUBLIC MEETING to ADOPT the
FY 2018 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM
for the GREATER LAFAYETTE AREA METROPOLITAN
PLANNING ORGANIZATION

Notice is hereby given that the Policy Board of the Greater Lafayette Area Metropolitan Planning Organization, will hear and discuss comments prior to considering adoption of the Fiscal Year 2018 - 2021 Transportation Improvement Program (TIP) on May 11th, at 2:00 p.m. in the Board of Public Works Room, Lafayette City Hall, 20 North 6th Street, Lafayette, Indiana.

A draft TIP containing the program of projects (both local and state), and other pertinent documentation can be viewed at the offices of the Area Plan Commission at 20 North 3rd Street, Lafayette, Indiana during normal office hours 8:00 a.m. to 4:30 p.m. A copy of the draft TIP is also available on the Transportation Improvement Program web page which can be accessed at <http://www.tippecanoe.in.gov/401/Transportation-Planning>. Comments should be sent to: droad@tippecanoe.in.gov.

The Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP will satisfy the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

Instead of speaking at the public meeting, written suggestions or objections to the TIP may be filed with the Executive Director of the Area Plan Commission at or before such meetings at the time and place designated. All written comments will be provided to the Policy Board for its consideration and made part of the record.

AREA PLAN COMMISSION OF TIPPECANOE COUNTY, INDIANA
BY /s/ Sallie Dell Fahey, Executive Director
Date Approved: 4-17-17
(LJC-04/29/17-0002103167) hspaxip

Media Release

For Immediate Release

March 23, 2017

The Area Plan Commission of Tippecanoe County will present the draft Fiscal Year 2018-2021 Transportation Improvement Program at the March 28th Citizen Participation Committee meeting. The meeting is an opportunity for citizens to review, comment and ask questions about transportation improvements scheduled in the next four years.

The report lists all local road, state highway, transit, bicycle and pedestrian projects proposed within Tippecanoe County. Since the Lafayette, West Lafayette and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of projects was developed. The list is based on the Five Year Production Schedule. The TIP also includes a discussion of Complete Streets, Environmental Justice, a Financial Summary and Plan and a project status report.

The draft document can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette, Indiana, and on the Transportation Improvement Program web page which can be accessed at: <http://www.tippecanoe.in.gov/401/Transportation-Planning>.

Meeting details:

When: 7:00 pm, March 28, 2015

Where: Grand Prairie Room in the Tippecanoe County Office Building

For addition information, contact:

Doug Poad

Senior Planner – Transportation

Area Plan Commission of Tippecanoe County


20 North 3rd Street

Lafayette, IN

(765) 423-9242

dpoad@tippecanoe.in.gov

Appendix 13, Contact Letters

<div>THE</div> <div>Area Plan Commission</div> <div>of TIPPECANOE COUNTY</div>		
20 NORTH 3RD STREET LAFAYETTE, INDIANA 47901-1209	(765) 423-9242 (765) 423-9154 [FAX] www.tippecanoe.in.gov/apc	SALLIE DELL FAHEY EXECUTIVE DIRECTOR
January 31, 2017 Ref. No. 2017-032		
Zoe Neal, Owner Virtuous Cycles 215 N 10th St Lafayette, IN 47901		
Dear Mr. Neal,		
<p>The staff of the Area Plan Commission of Tippecanoe County is developing the FY 2018-2021 Transportation Improvement Program (TIP) for Tippecanoe County. By this letter, we invite you to seek information, ask questions, make comments and express concerns regarding the content and development of this document.</p> <p>As in previous TIPs, the document lists all local and state transportation projects proposed within Tippecanoe County over the next four years. This includes projects that will use federal transportation funds, projects that are consistent with the 2040 Metropolitan Transportation Plan – Completing Our Streets, and other significant regional projects. At this time staff is compiling the lists of projects proposed by the State, cities, towns and county.</p> <p>The Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP will satisfy the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.</p> <p>Since our area receives a limited amount of federal funds, the Technical Transportation Committee will review, discuss and prioritize proposed projects at its February 15, 2017, meeting, at 2:00 p.m. in the Lafayette City Hall, second floor conference room. A copy of the proposed projects is available upon request.</p> <p>After the February 15th meeting, the Area Plan Commission staff will develop the draft TIP. When complete, the draft TIP will then be reviewed by the Technical Transportation and Citizen Participation before review and adoption by the Policy Board. You will receive separate notification of the date and time of the Policy Board meeting. All meetings are open to the public; we encourage your participation.</p> <p>If you have questions or comments pertaining to development of the TIP, please direct them to:</p> <p>Doug Poad, Senior Planner - Transportation Area Plan Commission of Tippecanoe County 20 North 3rd St. Lafayette, IN 47901 (765) 423-9242, email: dpoad@tippecanoe.in.gov</p> <p>Sincerely,  Sallie Dell Fahey Executive Director</p> <p>Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County</p>		

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 14, 2017
Ref. No. 2017-079

Amanda Johnson, Owner
Hey Taxi
223 Valley Dr.
West Lafayette, IN 47906

Dear Ms. Johnson:

Development of the FY 2018-2021 Transportation Improvement Program (TIP) for Tippecanoe County continues and we would like to invite you to a public meeting regarding the draft document. It will be presented at the Citizen Participation Committee meeting on March 28, at 7:00 p.m., in the Grand Prairie Room, Tippecanoe County Office Building. The meeting is open to the public and your comments are welcomed and encouraged.

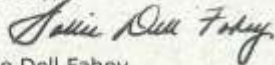
The document lists local road, state highway, transit, bicycle and pedestrian projects proposed within Tippecanoe County over the next four years. Since the Lafayette, West Lafayette and Tippecanoe County area receives a limited amount of federal funds, a prioritized list of projects was developed. The draft document will be presented at the meeting. The TIP includes a discussion of Complete Streets, Environmental Justice, the Financial Summary and Plan, and a project status report.

Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP satisfies FTA's Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

All available information, including the draft document, can be viewed in the office of the Area Plan Commission of Tippecanoe County at 20 North 3rd Street, Lafayette Indiana, and on the Transportation Improvement Program web page which can be accessed at <http://www.tippecanoe.in.gov/401/Transportation-Planning>. If you have any questions or comments pertaining to the TIP, please direct them to:

Doug Poad, Senior Planner - Transportation
Area Plan Commission of Tippecanoe County
(765) 423-9242
email: dpoad@tippecanoe.in.gov

Sincerely,



Sallie Dell Fahey
Executive Director

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 26, 2017
Ref. No. 2017-138

Rosa Montoya
Mama Ines Bakery
518 Sagamore Parkway N
Lafayette, IN 47904

Dear Ms. Montoya:

The Fiscal Year 2018-2021 Transportation Improvement Program (TIP) for the Lafayette, West Lafayette, and the Tippecanoe County area is nearing completion and we would like to provide you this brief status report.

All local government agencies, as well as the Indiana Department of Transportation, submitted their lists of transportation projects. The Technical Transportation Committee reviewed the requests for funding using our local federal transportation funds and developed a prioritized project list. The draft document has been completed and is available for your review and comment. If you would like a paper copy mailed to you, please call. Otherwise, the draft document can be viewed and downloaded from the Transportation Improvement Program web page which can be accessed at:
<http://www.tippecanoe.in.gov/401/Transportation-Planning>.

The Greater Lafayette Public Transportation Corporation ("CityBus") is seeking financial assistance from the Federal Transit Administration (FTA) of the United States Department of Transportation under the Federal Transit Act of 1964, as amended, and related statutes. This notice of public involvement activities and time established for public review of and comments on the TIP satisfies the Program of Projects requirements. The proposed program will be the final program unless amended and a final notice is published.

On May 11th, 2017, at 2:00 p.m., the Policy Board of the Metropolitan Planning Organization will review and take action on the TIP. The Board meets in the Board of Public Works Room in the Lafayette City Hall, 20 North 6th Street, Lafayette, Indiana. The meeting is open to the public and I welcome your attendance and comments either prior to or at the meeting.

If you have any questions, comments or would like a copy of the draft document, please contact:

Doug Poad, Senior Planner - Transportation
(765) 423-9242, or Fax: (765) 423-9154

Sincerely,


Sallie Dell Fahey
Executive Director

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

Appendix 14, CPC Agenda

AREA PLAN COMMISSION

OF TIPPECANOE COUNTY

20 North 3rd Street
Lafayette, IN 47901-1209

(765) 423-9242
(765) 423-9154 [fax]

Sallie Dell Fahey
Executive Director

MEETING NOTICE

of the

CITIZEN PARTICIPATION COMMITTEE

DATE January 24, 2017
TIME 7:00 PM
PLACE..... Grand Prairie Room
County Office Building
20 North 3rd Street
Lafayette, IN

AGENDA

- A. Approval of the minutes from the December 6th meeting
- B. Feedback and Discussion From Previous Meeting
 - 1. 2045 Metropolitan Transportation Plan
 - 2. INDOT 18 Month Letting List
- C. Program
 - 1. 2045 Metropolitan Transportation Plan
 - a. Vision, Objectives and Performance Measures
 - b. High Crash Intersections
 - c. Traffic Signal Inventory
 - d. Road Pavement Evaluation
 - 2. INDOT 18 Month Letting List
- D. QUESTIONS, COMMENTS, AND SUGGESTIONS
- E. ADJOURNMENT

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

AREA PLAN COMMISSION

OF TIPPECANOE COUNTY

20 North 3rd Street
Lafayette, IN 47901-1209

(765) 423-9242
(765) 423-9154 [fax]

Sallie Dell Fahey
Executive Director

PUBLIC HEARING NOTICE

of the

CITIZEN PARTICIPATION COMMITTEE

DATE March 28, 2017
TIME 7:00 PM
PLACE..... Grand Prairie Room
County Office Building
20 North 3rd Street
Lafayette, IN

AGENDA

- A. Approval of the minutes from the January 24th meeting
- B. Feedback and Discussion From Previous Meeting
 - 1. 2045 Metropolitan Transportation Plan
 - 2. INDOT 18 Month Letting List
- C. Program
 - 1. FY 2018-2021TIP
 - 2. 2045 Metropolitan Transportation Plan
 - 3. INDOT 18 Month Letting List
- D. QUESTIONS, COMMENTS, AND SUGGESTIONS
- E. ADJOURNMENT

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

Appendix 15, Stakeholder Mailing List

Name	Organization
Amanda Estes	Bicycle Lafayette
Amanda Johnson	Hey Taxi
Andrea Schmidt	Vinton Woods
Ann Ginda	St Mary's Neighborhood
Bill Glick	The Center at Jenks Rest
Bill Pate	Pate Trucking
Bob Fox	Fox Hauling Conveying
Brenda Mundell	Vinton Highlands
Bret Dunlap	Norfolk Southern
British Cooksey	Foodliner Quest
Bruce Rush	Fed Ex Freight
Bud Spurlock	Spurlock Bud Enterprise Inc
Carina Olaru	Latino Cultural Center
Charles Jackson	A1 Taxi & Courier
Chris Brock	Necessitates Transportation
Chris Mankovich	Precision Motor Transport Group
Chuck Ryan	CSX Railroad
Cindy Good	Vinton Highlands
Curt Ashendel	West Lafayette Bike & Ped Committee
Dane Lagrange	Express Air Coach INC
Darrell Clase	TIP Emergency Ambulance
Dave Ferney	Transport Service Co.
David Jackson	Wabash River Runners Club
Dixie Harper	Reservation
Donna Brassie	Columbian Park Neighborhood
Donna Lyon	Mobility for Area Citizens
Donnie Allen	AMT Trucking Inc
Ed Armstrong	Sanctuary Neighborhood
Elaine Brovont	Mid-Land Meals
Elva James	Area IV Agency on Aging and Community Services
Garnett Powell	McLeod Express
Geveva Werner	Vinton Neighborhood
Greg Barkley	Hodson's Bay Company
Jack Peetz	Shaffer Trucking
Jason Jordon	Cassens Transport
Jeff Florian	Lafayette Limo
Jeffrey Ryoko	Stockton Crossing
Jeremy Lawley	Spirit EMS
Jerri Parks	Glenn Acres
Jim Calloway	Imperial Travel Service
Jim Noonan	Wallace Triangle
Jim Schuster	Shaffer Trucking

Name	Organization
Jim Watson	Schilli Specialized Flatbed Division
Jon Paddack	Paddack Bros Inc
Joseph Hapac	Greyhound
Karen Moyars	International Center
Kathy Peck	Star Ambulance
Ken McCammon	Centennial Neighborhood
Ken Schwieterman	Home Helpers
Khristina Deckard	Venture Logistics
Kim Ketterer	Vinton Woods
Larry Earnhart	Carry Transit
Laura Bartrom	St Lawrence-McAllister
Lee Goudy	Homecare by Design
Lester Chaney	Magic Cab
Linda Shaw	Wabash Neighborhood
Lisa Minier	BrightStar
Lynn Nelson	South Oakland Neighborhood
Mark Smith	American Enterprise
Michelle Richardson-Stokes	NAACP Branch 3056
Mike Simpson	River Oaks Neighborhood
Nathan Metz	Prompt Ambulance
Pat Boling	Wabash River Cycle Club
Paul Branham	Reindeer Shuttle
Randy Anderson	St Lawrence-McAllister
Renee Thomas	Black Cultural Center PU
Rhonda Profock	Grane Transportation
Ritch Winstead	Winstead Enterprise
Rodney Hester	A2B Cab
Rose Kaczmarowski	Bicycle Lafayette
Rosemarie Evers	Historic Jefferson
Sally Hernandez	Comfort Keepers
Sandy Cornell	Brady Lane/Pipers Glen
Shelly Opperman	Historic Ninth Street Hill
Tammy Kennedy	Liquid Transport Corp
Thomas R Schilli	Schilli Trans Services Inc
Tom Derhammer	High Tech Trucking
Tyler Stroo	KB&S Railroad
Willard Biederstedt	Jesco Hills Homeowner Association
William Jenkins	Locomotive Taxi
Zoe Neal	Virtuous Cycles

TIP Amendment # 1
June 28, 2017

Requested by City of Lafayette and Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 28, 2017
Ref. No.: 2017-213

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2016-2019 and FY 2018-2021 TIPs. On May 25, 2017 we received the Final 2017 Local Share of Federal Formal Apportionments. The final funding amounts are slightly more than what is programmed in both TIPs. This modification allocates the additional funds for fiscal years 2017 and 2018.

For FY '17, the additional funds to be allocated are: \$42,707 in STP, \$9,203 in HIPS/Safety and \$2,770 in TA. These amounts were confirmed by Justin Sergent on June 20, 2017. The follow steps outline the modifications to allocate the funds:

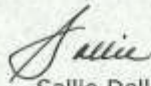
- 1) Flex the HSIP and TA funds to STP funds (\$11,973).
- 2) Allocate \$22,384 to the City of Lafayette's Twyckenham Trail project for PE, des #1700401.
- 3) The balance of funds (\$32,296) is allocated to the Klondike Road project for RW, des #1173626.

For FY '18, the steps involved in allocating the funds include flexing funds and moving various funds between projects as follows:

- 1) Flex the HSIP (\$7,170) and TA (\$2,769) funds to STP funds.
- 2) Allocate the flexed funds (\$9,939) and STP funds (\$42,703) to the Klondike Road project, des #1173626, right-of-way phase.
- 3) Allocated the 164 Penalty funds (\$2,034) to the Harrison Safety Improvements project, des #1700407.
- 4) Reduce the amount of HSIP funds allocated to the Harrison Safety Improvements by \$2,034 and flex them to STP funds.
- 5) Allocate the flexed \$2,034 in STP funds to the Klondike Road project, des #1173626, right-of-way phase.
- 6) Move \$5,483 in FY '18 STP funds from the construction phase to right-of-way within the Klondike Road project.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sallie".

Sallie Dell Fahey
Executive Director

Attachment

cc: Jenny Leshney
Opal Kuhl
Stu Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JUNE 26, 2017

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	Total Cost	Notes
Keydence Trail										
	1700401	2017	STP	FE	0	22,384	22,384	5,596	27,980	The additional funds are new FY '17 funds from the final sharing agreement which include flexed HSP/Safety funds and flexed TA funds and a portion of STP funds.
Klondike Road										
	1173626	2017	STP	RW	1,187,382	32,296	1,219,678	304,920	1,524,598	Adds the balance of new FY '17 funds.
		2018	STP	RW	0	60,159	60,159	15,040	75,199	Allocated and Reallocated new FY '18 funds. See below for details.
		2018	STP	CN	4,002,623	-5,483	3,997,140	949,285	4,946,425	Reallocated funds from CN to RW.
Horizon Safety										
	1700407	2018	STP	FE	180,000	2,034	182,034			Adds the additional FY '18 Section 1.64 Penalty Funds.
		2018	STP	FE	182,034	-2,034	180,000	20,000	200,000	Reduces the amount of HSP funds. These funds are flexed to STP funds and are reallocated to Klondike RW.
Summary for Klondike Road, Sources of Allocated and Reallocated Funds										
					7,170		FY '18 Flexed HSP Funds			
					2,789		FY '18 Flexed TA funds			
					42,703		FY '18 STP Funds			
					2,034		Reallocated funds from the Horizon Safety project. These funds are flexed to STP funds			
					5,483		Reallocated funds from the Klondike Road construction phase.			
					40,159		Total FY '18 funds for Right-of-Way			
Total Additional Funds Allocated and Reallocated to Klondike Road project, Right-of-Way Phase										
					32,296		FY '17 Funds			
					60,159		FY '18 Funds			
					92,455		Total			

TIP Amendment # 2
June 29, 2017

Requested by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 29, 2017
Ref. No.: 2017-214

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

Because my staff wasn't given sufficient information regarding how to program the additional funds provided by the final sharing agreement, you are requiring that I revise yesterday's administrative modification. Therefore, by this letter I am revising that administrative modification to the FY 2016-2019 and FY 2018-2021 TIPS.

The additional FY 2017 funds are added to our FY 2018 allocation. This modification moves the additional FY 2017 federal funds to FY 2018 and changes the fiscal year of these funds for the two projects as noted in yesterday's letter to FY 2018.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jenny Leshney
Stewart Kline
Justin Sargent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JUNE 29, 2017

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total	Notes
Textiterton Trail	1700-401	2018	STP	PE	0	22,384	22,384	5,596	27,980	The additional funds are new FY '17 funds from the final sharing agreement which include flexed HSP/Safety funds and flexed TA Funds and a portion of STP funds.
Kiondika Road	1173626	2018	STP	RW	0	92,455	92,455	23,114	115,569	Adds the balance of new FY '17 funds and allocated and reallocated new FY '18 Funds. See below for details.
		2018	STP	CN	4,002,623	-5,483	3,997,140	999,285	4,996,425	Reallocated funds from CN to RW.
Harrison Safety	1700-407	2018	STP	PE	180,000	2,034	182,034	20,000	200,000	Adds the additional FY '18 Section 164 Penalty Funds. Reduces the amount of HSP funds. These funds are flexed to STP Funds and are reallocated to Kiondika RW.
		2018	STP	PE	182,034	-2,034	180,000			
Summary for Kiondika Road, Sources of Allocated and Reallocated Funds										
					7,170	FY '18 Flexed HSP Funds				
					2,749	FY '18 Flexed TA Funds				
					42,703	FY '18 STP Funds				
					2,034	Reallocated funds from the Harrison Safety project. These funds are flexed to STP Funds.				
					5,483	Reallocated funds from the Kiondika Road construction phase.				
					60,159	Total FY '18 funds for Right-of-Way				
Total Additional Funds Allocated and Reallocated to Kiondika Road project, Right-of-Way Phase										
					32,358	FY '17 Funds (now shown as FY '18)				
					60,159	FY '18 Funds				
					92,455	Total				

TIP Amendment # 3
July 6, 2017

Requested by CityBus and Wabash Center

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

July 6, 2017
Ref. No.: 2017-218

Larry Buckel, Transit Office Manager
INDOT Room N955-Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification moves Wabash Center's low floor mini-van project and CityBus's Route 9 continuation and Section 5339 bus replacement projects from Table 5, Unfunded Local Projects, to Table 4, Funded Local Projects.

Wabash Center's funding request for Section 5310 funds was approved by INDOT on May 19, 2017. These funds will be used to purchase three low-floor mini vans. The total project cost is \$114,000 with a local match of \$22,800. The project des number is 1700782.

On May 19, 2017, INDOT awarded \$96,984 in Section 5310 funds to support Route 9 operating costs. The total operating cost is \$193,968 and the project des number is 1700781.

On July 6, 2017, INDOT also approved CityBus's request for Section 5339 funds for bus replacements in the amount of \$353,725. The project des number is 1382386.

The TIP document will be updated and then placed on the APC web page. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Pam Verbarg, Wabash Center
Susie Kemp, INDOT Crawfordsville Office

TIP Amendment # 4
August 1, 2017

Requested by the Town of Battle Ground

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 1, 2017
Ref. No.: 2017-265

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification flex's \$6,441 in FY 2018 HSIP funds to STP funds. These funds are from the Harrison Safety Improvement project, des # 1700407. The now STP funds are moved to the Town of Battle Ground's North Street project, des #1172413. They are for a change order.

The attached spreadsheet shows the details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

cc Steve Egly, Town Council President
Justin Sargent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

TIP ADMINISTRATIVE MODIFICATION, AUGUST 1, 2017

Project	Dis Number	Year	Federal Funding	State	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Harbor Safety Improvements	1705407	2018	HSIP	FE	180,000	-0,441	173,559	19,284	192,843	The HSIP funds are flexed to STP funds
North Street	1172413	2018	STP	ON	0	0,441	0,441	1,610	8,053	Additional funds to be used for a change order.

TIP Amendment # 5
August 11, 2017

Requested by INDOT

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 11, 2017
Ref. No.: 2017-279

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Marcy:

By this letter I am administratively modifying the FY 2018-2021 TIP to include the preliminary engineering phase of the I-65 and CR 725N bridge deck overlay project. The total cost of the engineering is \$62,500. The federal share, in NHPP funds, is \$56,350 and the state match is \$6,250. The project des number is 1500644 and the preliminary engineer phase is scheduled to begin in FY 2018.

Please call or email if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Travis Kohl

TIP Amendment # 6
September 13, 2017

Requested by the City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

September 13, 2017
Ref. No.: 2017-318

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification shifts \$5,400 in FY '18 HSIP funds from the Harrison Area Improvement project (des #1700407) to the South Street pedestrian crossing project (des #1400566). The additional funds are need for cost overruns.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jenny Leshney
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, SEPTEMBER 13, 2017

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Harrison Safety Improvements	1700407	2018	HSP	PI	173,359	-5,400	168,159	10,684	186,843	a portion of HSP funds reallocated to South Street
South Street	1400566	2018	HSP	CN	0	5,400	5,400	1,350	6,750	Additional funds to be used for cost overrun.

TIP Amendment # 7
September 14, 2017

Requested by INDOT

Resolution T-17-09

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and


WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
Various Locations Statewide des #1600463 <i>On-Call Pavement Design</i>	2018	STP	PE	1,261,255	140,139	1,401,394
Various Locations Statewide des #1600479 <i>On-Call Geotechnical Investigation</i>	2018	STP	PE	2,095,118	232,791	2,327,909
Various Locations Statewide Des #1701469 <i>On-Call Pavement Design</i>	2018	STP	PE	1,440,000	160,000	1,600,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its August 16, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of September, 2017.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

September 15, 2017
Ref. No.: 2017-321

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On September 14, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-09. The amendment programs three INDOT projects. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Cat Schoenherr, INDOT Central Office
Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
September 6, 2017**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requested an amendment for three new projects. All three are on-call pavement design and geotechnical investigations for pavement preservation and replacement projects at various locations throughout the state. INDOT's intent is to streamline PE funding and activities. Projects range in size and difficulty from spot location projects to major interstate pavement rehabilitation work.

The following tables provide the detailed information for each individual project.

On-Call pavement design, various locations statewide (des # 1600463)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	1,261,255	140,139	1,401,394

On-Call geotechnical investigations, various locations statewide (des # 1600479)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	2,095,118	232,791	2,327,909

On-Call pavement design, various locations statewide (des # 1701469)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	1,440,000	160,000	1,600,000

The Technical Transportation Committee reviewed the amendment at its August 16, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-17-09.

TIP Amendment # 8
October 6, 2017

Requested by West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 (FAX)
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 6, 2017
Ref. No.: 2017-339

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP and it reflects the City of West Lafayette's change in project priorities.

The Happy Hollow Neighborhood Trail, des #1401288, is progressing quicker than anticipated and it is now estimated to be ready for construction in FY 2019. This modification removes the FY 2020 TA funds from this project and adds FY 2019 STBG PYB funds.

The Sagamore Parkway Trail project, des #1401287, needs additional engineering because of its slopes and ravines. Construction has been moved to FY 2020. Additional federal funds are needed and the STBG and STBG PYB funds from the Soldiers Home Road project, des #1401291, have been reallocated to the Sagamore Parkway Trail. The portions of STBG and STBG PYB funds for the Yeager Road project, des #1401281, have also changed in FY 2019. That phase will now be funded mostly with STBG funds and the balance of PYB funds have been moved to FY 2020.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Ed Garrison
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 6, 2017

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Hogback Hollow Hatched Trail	1401288	2019	TA P18	CN	329,487	0	329,487	82,372	411,859	This modification removes the TA funding for FY 2020 and allocates 734,513 in STBG P18 funds in FY 2019. There are no changes to the TA P18 FY 2019 funding.
		2020	TA	CN	211,207	-211,207	0	0	0	
		2019	STBG P18	CN	0	734,513	734,513	183,628	918,141	
Sedgewick Pass Trail	1401287	2019	STBG	CN	318,383	-318,383	0	0	0	This modification removes the STBG and STBG P18 funds in FY 2019. P18 funds are moved from FY 2019 to FY 2020 and allocated to the Sedgewick Trail project. STBG funds are added to the project in FY 2020. FY 2020 TA funds were added and they are from the Hogback Hollow Hatched Trail project. It should be noted that the slight increase in TA funds represents the draft FY 2018 operating costs.
		2019	STBG P18	CN	1,057,717	-1,057,717	0	0	0	
		2020	STBG	CN	0	337,000	337,000	84,250	421,250	
		2020	STBG P18	CN	0	604,487	604,487	181,122	785,609	
		2020	TA	CN	0	214,476	214,476	33,619	248,095	
Soldado Mesa Rd, Ph. 1	1401291	2020	STBG	FE	347,396	-347,396	0	0	0	This modification removes all of the FY 2020 fund. There is no change in FY 2021 funding.
		2020	STBG P18	FE	81,826	-81,826	0	0	0	
		2021	STBG	FE	70,278	0	70,278	17,698	88,473	
Yousger Road	1401281	2019	STBG P18	RW	230,476	-218,283	12,193	3,048	15,241	This modification only changes the proportion of STBG and STBG P18 funds in FY 2019. Instead of being all STBG P18, nearly all of the federal funds are now STBG with only a small portion STBG P18.
		2020	STBG P18	RW	169,524	0	169,524	42,381	211,905	
		2021	STBG	CN	2,130,673	0	2,130,673	532,668	2,663,341	
		2019	STBG	RW	0	218,283	218,283	54,571	272,854	

TIP Amendment # 9
October 12, 2017

Requested by INDOT

Resolution T-17-10

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
SR 25, des #1701414	2018	STBG	PE	71,525	17,882	89,406
	2018	STBG	CN	38,000	9,500	47,500
SR 25, des #1701418	2018	STBG	PE	67,826	16,956	84,782
	2018	STBG	CN	38,000	9,500	47,500
SR 25, des #1701419	2018	STBG	PE	34,530	8,632	43,162
SR 26, des #1702079	2018	STBG	PE	73,842	18,460	92,302
US 52, des #1702078	2018	STBG	PE	39,382	9,846	49,228
SR 225, des #1702137	2018	STBG	PE	75,790	18,948	94,738
SR 225, des #1701548	2018	STBG	PE	89,154	22,289	111,443
SR 38, des #1701561	2018	STBG	PE	95,498	23,875	119,373
SR 38, des #1701562	2018	STBG	PE	95,498	23,875	119,373
I-65, des #1601091	2018	NHPP	PE	179,257	44,814	224,071
I-65, des #1601092	2018	NHPP	PE	168,322	42,081	210,403
I-65, des #1701549	2018	NHPP	PE	51,036	12,759	63,795
SR 26, des #1500121	2018	STBG	PE	71,702	17,925	89,627
SR 26, des #1700114	2018	STBG	PE	475,265	118,816	594,081
US 52, des #1701596	2018	STBG	PE	155,393	38,848	194,241

WHEREAS, the Technical Transportation Committee reviewed the requests at its September 20, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 12th of October, 2017.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 13, 2017
Ref. No.: 2017-348

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On October 12, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-10. The amendment programs fifteen INDOT projects. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,


Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Justin Sergeant, INDOT Central Office

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment for fifteen new projects. Nearly all of them are related to bridge decks, with the majority being overlays (on SR 25, SR 38, SR 225 and US 52). Two of the projects, both on I-65, involve replacing and widening the decks to accommodate additional future travel lanes. The US 52 bridge over Indian Creek will be replaced.

The remaining three projects are also maintenance related and involve pipe lining (I-65), structural HMA overlay (SR 26) and a small structure replacement (SR 26).

INDOT anticipates all of the projects will use federal funds in Fiscal Year 2018. Nearly all of the requests are for preliminary engineering with only two requests for construction.

The following tables provide the detailed information for each individual project.

SR 25, CR 500E over SR 25/RR, 1.87 mi. east of Old SR 25 (des # 1701414)
Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	71,525	17,882	89,406
New	CN	2018	STBG	38,000	9,500	47,500

SR 25, CR 900E over SR 25, 6.67 mi. east of Old SR 25 (des # 1701418)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	67,826	16,956	84,782
New	CN	2018	STBG	38,000	9,500	47,500

SR 25, CR 1000E over SR 25, 4.53 mi. west of US 421 (des # 1701419)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	34,530	8,632	43,162

SR 26, over Middle Fork of Wildcat Creek, 3.18 mi. west of I-65 (des # 1702079)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	73,842	18,460	92,302

US 52, Elston Road over US 231 (des # 1702078)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	39,382	9,846	49,228

SR 225, over Burnett Creek (des # 1702137)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	75,790	18,948	94,738

SR 225, over Burnett Creek (des # 1701548)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	89,154	22,289	111,443

SR 38, WB Bridge over Elliott Ditch (des # 1701561)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	95,498	23,875	119,373

SR 38, EB Bridge over Elliott Ditch (des # 1701562)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	95,498	23,875	119,373

I-65, NBL 0.77 mi. north of SR 43 at Burnett Creek (des # 1601091)
Bridge Deck Replacement & Widening

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	NHPP	179,257	44,814	224,071

I-65, SBL 0.77 mi. north of SR 43 at Burnett Creek (des # 1601092)
Bridge Deck Replacement & Widening

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	NHPP	168,322	42,081	210,403

I-65, over Unnamed Ditch/Creek (des # 1701549)
Pipe Lining

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	NHPP	51,036	12,759	63,795

SR 26, 5.75 mi. west of US 231 (des # 1500121)
Small Structure Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	71,702	17,925	89,627

SR 26, from 0.33 mi. east of SR 55 to 8.57 mi. east of SR 55 (des # 1700114)
HMA Overlay, Structural

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	475,265	118,816	594,081

US 52, over Indian Creek (des # 1701596)
Bridge Replacement, Other Construction

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STBG	155,393	38,848	194,241

The Technical Transportation Committee reviewed the amendment at its September 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-17-10.

TIP Amendment # 10
October 20, 2017

Requested by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 20, 2017
Ref. No.: 2017-355

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification withdraws the one that was approved on October 6, 2017. After adoption of an amendment by the Policy Board on the 12th, several discrepancies were found in the federal funding allocation because I did the modification while a TIP Amendment was in process. In short, they were out of order. This modification is part of the process to address and correct the discrepancies. You will receive shortly after this letter the TIP amendment resolution and staff report which should have been done first followed by a revised administrative modification.

I apologize for the confusion and please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 20, 2017

Project	Dex Number	Year	Federal Funding	Phase	Before Federal State	Change	After Federal State	After Local Share	After Total Cost	Notes
Hager Meadow Nibbel Trail	1401286	2019	STBG P18	CE & CN	0	734,513	734,513	183,628	918,141	The modification removes TA funding and adds FY '19 STBG P18 funds (FY '20).
		2020	TA	CE & CN	214,476	-214,476	0	0	0	
Sonsontus Parkway Trail	1401287	2019	STBG	CE & CN	218,283	-218,283	0	0	0	The modification removes the FY '19 federal funds and programs FY '20 federal funds (STBG, STBG P18 & TA).
		2019	STBG P18	CE & CN	1,057,717	-1,057,717	0	0	0	
		2020	STBG	CE & CN	337,000	0	337,000	84,250	421,250	
		2020	STBG P18	CE & CN	0	604,487	604,487	151,122	755,609	
		2020	TA	CE & CN	0	214,476	214,476	53,619	268,095	
Soldiers Home Rd. Ph. I	1401291	2020	STBG	PE	337,000	-337,000	0	0	0	The modification removes the FY '20 federal funds.
		2020	STBG P18	PE	63,000	-63,000	0	0	0	
Younger Road	1401281	2019	STBG	RW	0	218,283	218,283	54,571	272,854	The modification changes the FY '19 federal funds from STBG P18 to STBG and STBG P18.
		2019	STBG P18	RW	236,476	-218,283	12,193	3,048	15,241	

TIP Amendment # 11
October 12, 2017

Requested by APC Staff & Tippecanoe County

Resolution T-17-11

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

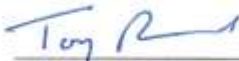
WHEREAS, the Area Plan Commission staff and Tippecanoe County requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
<i>Klondike Rd, des #1173626</i>	2018	STBG	PE	43,040	10,760	53,800
	2018	TA	CN	214,476	53,619	268,095
<i>CR 50W, des #1702333</i>	2018	STBG	PE	114,526	28,632	143,158
	2020	STBG	RW	140,052	35,013	175,065
	2021	STBG	CN	500,000	125,000	625,000
<i>Morehouse Rd, des #1401280</i>	2019	STBG	RW	59,571	14,893	74,464
	2019	STBG PYB	RW	18,826	4,707	23,533
	2020	STBG	RW	321,603	80,401	402,004
<i>Concord Rd, des #1401282</i>	2018	HSIP	RW	195,488	21,721	217,209
	2019	HSIP	CN	555,274	61,697	616,971
	2019	HSIP PYB	CN	279,362	31,040	310,402
	2019	STBG	CN	140,698	35,175	175,873
<i>North River Rd, des #1401279</i>	2020	HSIP	CN	555,274	61,697	616,971
	2020	HSIP PYB	CN	248,531	27,615	276,146
	2020	STBG	CN	49,010	12,253	61,263
<i>Soldiers Home Rd, des #1401291</i>	2020	STBG	PE	337,000	84,250	421,250
	2020	STBG PYB	PE	63,000	15,750	78,750
<i>Yeager Rd, des #1401281</i>	2021	STBG	CN	2,108,579	527,145	2,635,724
<i>Harrison Safety, des #1700407</i>	2020	HSIP PYB	PE	75,000	8,333	83,333
	2021	HSIP	CN	277,637	30,849	308,486
	2021	TA	CN	214,476	53,619	268,095
<i>Cherry Lane Trail, des #1401290</i>	2019	TA	CN	214,476	53,619	268,095
<i>Happy H. Nhd. Trail, des #1401288</i>	2020	TA	CN	214,476	53,619	268,095
<i>Updated Flex \$, HSIP to STBG</i>	2018			264,386		
<i>Flex \$, HSIP to STBG</i>	2021			277,637		
<i>STBG Annual Allocation</i>	18-21			3,956,920		
<i>HSIP Annual Allocation</i>	18-21			555,274		
<i>TA Annual Allocation</i>	18-21			214,476		

WHEREAS, the Technical Transportation Committee reviewed the requests at its September 20, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 12th of October, 2017.



Tony Roswarski
President



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 20, 2017
Ref. No.: 2017-356

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

On October 12, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-11. The amendment updates the local federal apportionments to reflect the draft FY '18 allocations, it adds the County Farm Road intersection improvement project (des #1702333), and reschedules the Harrison Safety project (des #1700407). Funding for various projects have changed in order to fully fund the County Farm Road intersection improvements. The enclosed spreadsheet summarizes all of the changes. The amendment also changes the amount of FY '18 HSIP funds flexed to STBG funds, detailed on the attached spreadsheet.

Enclosed you will find a copy of the resolution, summary table and staff report. The TIP document will be updated and then placed on the APC web page: ww.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stu Kline
Justin Sergent
Stephani Vermillion

TIP RESOLUTION T-17-11 AMENDMENT, OCTOBER 12, 2017

Project	Doc Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Country Farm Road										
	17022323	2018	ST&G	RE	0	114,529	114,529	28,622	143,151	This amendment programs the project in the TIP and includes ST&G funding for all three phases.
		2019	ST&G	RW	0	140,052	140,052	33,013	173,065	
		2021	ST&G	CN	0	400,000	400,000	125,000	525,000	
Harrison Safety										
	1700407	2018	HSP	RE	148,159	-148,159	0	0	0	This amendment reallocates the project and PE will now start in FY 2020.
		2020	HSP P/B	RW	182,014	-182,014	0	0	347,046	
		2021	HSP	CN	700,635	-423,948	277,637	49,409	327,046	
		2020	HSP	RE	0	75,000	75,000	18,750	93,750	
		2021	TA	CN	211,707	2,769	214,476	53,619	268,095	
Marble Road										
	1172426	2018	ST&G	RE	0	43,040	43,040	10,760	53,800	This amendment adds ST&G funding for PE and updates the TA funding to match the FY '18 allocations.
		2018	TA	CN	211,707	2,769	214,476	53,619	268,095	
Northwest Road										
	1401280	2019	ST&G	RW	0	59,571	59,571	14,893	74,464	This amendment reallocates the type of funds that will be used for the right-of-way phase. The total amount does not change.
		2019	ST&G P/B	RW	0	18,826	18,826	4,707	23,533	
		2020	ST&G	RW	400,000	-78,297	321,603	80,401	402,004	
Concord Road / CR 4305										
	1401282	2018	HSP	RW	187,463	7,825	195,488	48,872	244,360	This amendment adds additional funds to the RW phase. It also reallocates the type of funds that will be used for the construction phase. The total amount stays the same.
		2019	HSP	CN	703,635	-148,261	555,374	138,819	843,193	
		2019	HSP P/B	CN	271,499	7,663	279,162	69,841	349,003	
		2019	ST&G	CN	0	140,698	140,698	35,175	175,873	
Yeager Road										
	1401281	2021	ST&G	CN	2,130,673	-22,094	2,108,579	527,145	2,635,724	This amendment slightly reduces the funding amount. The funds are needed for the County Farm Road project.
Cherry Lane Extension										
	1401290	2019	TA	CE & CN	211,707	2,769	214,476	53,619	268,095	This amendment updates the TA funding to match the FY '18 allocations.
N. River Road & CR 500N										
	1401279	2020	HSP	CN	703,635	-148,261	555,374	138,819	694,093	This amendment reallocates the type of funds that will be used for the construction phase. The total amount does not change.
		2020	HSP P/B	CN	149,180	99,251	248,431	62,133	310,664	
		2020	ST&G	CN	0	49,010	49,010	12,253	61,263	
Happy Hollow N&S Trail										
	1401288	2020	TA	CE & CN	211,707	2,769	214,476	53,619	268,095	This amendment updates the TA funding to match the FY '18 allocations.
Soldiers Home Rd. Ph. 1										
	1401291	2020	ST&G	RE	247,394	89,604	337,000	84,250	421,250	This amendment reallocates the type of funds that will be used for the PE phase. The total amount increases.
		2020	ST&G P/B	PE	81,826	-18,826	63,000	15,750	78,750	

Note: This modification increases the amount of HSP funds flexed to ST&G (from 254,447 to 264,386). It also flexes HSP funds (227,637) in FY 2021 to ST&G.

**FY 2018-2021 TIP Amendment
Apportionments and County Projects**

**Staff Report
October 4, 2017**

BACKGROUND AND REQUEST:

There are two parts to this TIP amendment. The first part addresses changes in our Federal funding apportionments and the second part involves adjusting the timing of one project and programming a new one. Both of them are county projects.

A) New Federal Apportionments

On August 8th, INDOT Central Office distributed updated draft funding apportionments for FY 2018, which are attached. While the table appears to be nearly identical to the one that was released this past July, there is one major difference. The new table shows no Section 164 Penalty funds.

The US Department of Transportation encourages states to enact and enforce repeat intoxicated driver laws. Since the State of Indiana did not enact certain laws, a portion of all STP funds, now called STBG, were limited to only safety related projects titled Section 164. The amount of funds that was transferred for our area was \$157,566.

On July 1st, the State of Indiana enacted new legislation which addressed repeat intoxicated driver laws. Because of these new laws, the transferred funds are now no longer limited to safety projects and can be used on all STP eligible projects. The table below compares the new and previous apportionments by fund type.

This amendment adjusts the FY 2018 through FY 2021 STBG, HSIP Safety, and TA funding tables, so they reflect the updated funding apportionments. Proposed changes in the STBG and HSIP allocations are discussed in the second part of this amendment. There will be no changes in the distribution of TA funds.

Comparison of INDOT's July to May Apportionments

	May 25, 2017 Sharing Agreement Rate: 99.9893		July 31, 2017 Sharing Agreement Rate: 99.9893		
	Apportionment	Spending Authority	Apportionment	Spending Authority	Difference
STBG	3,799,761	3,799,354	3,957,343	3,956,920	157,566
HSIP	555,334	555,274	555,334	555,274	0
TA	214,499	214,476	214,449	214,476	0
Sec. 164 Penalty	157,582	157,566	0	0	-157,566
Total	4,727,176	4,726,670	4,727,176	4,726,670	0

The 2045 Metropolitan Transportation Plan continues the policy in which ten percent of our STBG funds will go to bicycle and pedestrian projects. Based on the adjusted apportionments and allocations, this amendment meets the ten percent goal.

B) Harrison Safety Project & CR 50W Intersection Improvement Project at CR 500N project

When the TIP was developed earlier this year, a portion of the safety funds was allocated to the Harrison Safety Improvement project. At this time the project is not advancing as anticipated and a specific scope has not yet been developed.

With this in mind, the County has decided to do two things. First, the safety project will still remain programmed, but preliminary engineering is rescheduled to FY 2020. Second, the county is programming a new intersection improvement project at County Farm Road (CR 50W) and CR 500N. This intersection project is located just south of where the Harrison safety improvements will occur.

All three phases of the new intersection project are planned to occur within the current TIP's life span. Preliminary engineering will start this fiscal year with right-of-way in FY 2020. Construction is anticipated to begin in FY 2021.

The attached tables show how our STBG and HSIP are currently programmed with the a proposed allocation taking into account changes to the two county projects.

The Technical Transportation Committee reviewed the amendment at its September 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-17-11.

STBG Funding Currently Allocated in the FY 2018 - 2021 TIP

Funding Request

Project	Fiscal Year Anticipated	Phase	Amount Requested	Annual Allocation	PYB	LPA
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FY 2018			3,756,651	4,578,495		
			<i>Flexed HSIP Funds</i>	254,447		
			<i>Additional FY '18 STP</i>	85,410		
			<i>Flexed FY'18 HSIP & TA</i>	21,912		
			Grand Total	4,118,420		
Klondike Road	2018	RW	92,455	92,455	0	
Klondike Road	2018	CN	4,337,116	3,997,140	339,976	Tip Co
Lindberg Road	2018	CN	2,080,000		2,080,000	Tip Co
Bike/Ped Safety Education	2018	ED	30,000		30,000	Laf
Twyckenham Trail	2018	PE	50,384	22,384	28,000	Laf
Twyckenham Trail	2018	CN	220,000		220,000	Laf
North Street	2018	CN	6,441	6,441	0	Bat G
Total			6,717,500	4,118,420	2,697,976	
			Balance	0	1,880,519	

FY 2019			3,756,651	1,880,519		
Cherry Lane Extension	2019	CN	3,538,368	3,538,368		W Laf
Sagamore Parkway Trail	2019	CN	1,276,000	218,263	1,057,717	W Laf
Yeager Road	2019	RW	400,000		230,476	Tip Co
Park East Boulevard	2019	PE	202,500		202,500	Laf
Park East Boulevard	2019	RW	108,000		108,000	Laf
Twyckenham Boulevard	2019	RW	200,000		200,000	Laf
Total			5,724,868	3,756,651	1,798,693	
			Balance	0	81,826	

FY 2020			3,756,651	81,826		
Twyckenham Boulevard	2020	CN	2,939,731	2,939,731	0	Laf
Soldiers Home Road, Ph 1	2020	PE	400,000	247,396	81,826	W Laf
Morehouse Road	2020	RW	400,000		0	Tip Co
Yeager Road	2020	RW	169,524	169,524	0	Tip Co
Total			3,739,731	3,756,651	81,826	
			Balance	0	0	

FY 2021			3,756,651	0		
Yeager Road	2021	CN	3,500,000	2,130,673	0	Tip Co
Soldiers Home Road, Ph 1	2021	PE	152,604	70,778	0	W Laf
Park East Boulevard	2021	CN	1,555,200	1,555,200	0	Laf
Total			3,500,000	3,756,651	0	
			Balance	0	0	

Non-Motorized Project Identification and Cross Check

Fiscal Year	Ten Percent Amount	
FY 2018	371,574	19,682,099
FY 2019	371,574	3,715,738
FY 2020	371,574	14,862,952
FY 2021	371,574	
Total Amount:	1,486,296	10.5%

Project	Fiscal Year Anticipated	Phase	Amount Requested
Bike/Ped Safety Ed	2018	ED	30,000
Twyckenham Trail	2018	PE	28,000
Twyckenham Trail	2018	CN	220,000
Sagamore Parkway Trail	2019	CN	1,276,000
Total Requested:			1,554,000

Proposed STBG Funding Allocation

Funding Request

Project	Fiscal Year Anticipated	Phase	Amount Requested	Annual Allocation	PYB	LPA
FY 2018				3,956,920	4,578,495	
			Fixed HSIP Funds	264,386		
			Additional STP funds from FY '17	42,707		
			Fixed FY '17 HSIP & TA	11,973		
			Grand Total	4,275,986		
Klondike Road	2018	PE	43,040	43,040	0	
Klondike Road	2018	RW	92,455	92,455		
Klondike Road	2018	CN	4,337,116	3,997,140	339,976	Tip Co
Lindberg Road	2018	CN	2,080,000		2,080,000	Tip Co
Bike/Ped Safety Education	2018	ED	30,000		30,000	Laf
Twyckenham Trail	2018	PE	60,384	22,384	28,000	Laf
Twyckenham Trail	2018	CN	220,000		220,000	Laf
North Street	2018	CN	6,441	6,441	0	BG
CR 50W at CR 500N	2018	PE	114,526	114,526	0	Tip Co
Total			6,973,962	4,275,986	2,697,976	
			Balance	0	1,880,519	
FY 2019				3,956,920	1,880,519	
Cherry Lane Extension	2019	CN	3,538,368	3,538,368	0	W Laf
Sagamore Parkway Trail	2019	CN	1,276,000	218,283	1,057,717	W Laf
Yeager Road	2019	RW	400,000		230,478	Tip Co
Park East Boulevard	2019	PE	202,500		202,500	Laf
Park East Boulevard	2019	RW	108,000		108,000	Laf
Twyckenham Boulevard	2019	RW	200,000		200,000	Laf
Morehouse Road	2019	RW	400,000	59,571	18,826	Tip Co
Concord / CR 430S	2019	CN	140,698	140,698	0	Tip Co
Total			6,265,566	3,956,920	1,817,519	
			Balance	0	63,000	
FY 2020				3,956,920	63,000	
Twyckenham Boulevard	2020	CN	2,938,731	2,938,731	0	Laf
Soldiers Home Road, Ph 1	2020	PE	321,603	337,000	63,000	W Laf
Morehouse Road	2020	RW	400,000	321,603	0	Tip Co
Yeager Road	2020	RW	169,524	169,524	0	Tip Co
North River / CR 500N	2020	CN	48,010	49,010	0	Tip Co
CR 50W at CR 500N	2020	RW	140,052	140,052	0	Tip Co
Total			4,018,820	3,956,920	63,000	
			Balance	0	0	
FY 2021				3,956,920	0	
			Fixed HSIP Funds	277,637		
			Grand Total	4,234,557		
Yeager Road	2021	CN	3,500,000	2,108,579	0	Tip Co
Soldiers Home Road, Ph 1	2021	PE	70,778	70,778	0	W Laf
Park East Boulevard	2021	CN	1,565,200	1,565,200	0	Laf
CR 50W at CR 500N	2021	CN	500,000	500,000	0	Tip Co
Total			5,625,978	4,234,557	0	
			Balance	0	0	

Indicates changes from current TIP

Non-Motorized Project Identification and Cross Check

Fiscal Year	Ten Percent Amount
FY 2018	395,692
FY 2019	395,692
FY 2020	395,692
FY 2021	395,692
Total Amount:	1,582,768

15,827,680 Total Allocation
1,582,825 Total Programmed
10.0% Percentage

Project	Fiscal Year Anticipated	Phase	Amount Requested
North Street	2018	CN	6,441
Bike/Ped Safety Ed	2018	ED	30,000
Twyckenham Trail	2018	PE	60,384
Twyckenham Trail	2018	CN	220,000
Sagamore Parkway Trail	2019	CN	1,276,000
Total Requested:			1,582,825

HSIP Funding Currently Allocated in the FY 2018 - 2021 TIP

Funding Request

Project	Fiscal Year Anticipated	Phase	Amount Requested	Annual Allocation	PYB	LPA
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<i>FY 2018</i>				703,635	1,052,893	
			<i>Flexed to FY '18 STP</i>	-254,447		
			<i>FY'18 Penalty Funds</i>	2,034		
			Grand Total	451,222		
Concord / CR 430S	2018	RW	187,663	187,663	0	Tip Co
McCutcheon Area Improvements	2018	PE	90,000	90,000	0	Tip Co
Harrison Area Improvements	2018	PE	173,559	168,159	0	Tip Co
South Street	2018	CN	5,400	5,400	0	Laf
		Total	456,622	451,222	0	
			Balance	0	1,052,893	

<i>FY 2019</i>				703,635	1,052,893	
Concord / CR 430S	2019	CN	975,334	703,635	271,699	Tip Co
		Total	975,334	703,635	271,699	
			Balance	0	781,194	

<i>FY 2020</i>				703,635	781,194	
North River / CR 500N	2020	CN	852,815	703,635	149,180	Tip Co
McCutcheon Area Improvements	2020	CN	450,000		450,000	Tip Co
Harrison Area Improvements	2020	RW	182,014		182,014	Tip Co
		Total	1,302,815	703,635	781,194	
			Balance	0	0	

<i>FY 2021</i>				703,635	0	
Harrison Area Improvements	2021	CN	703,635	703,635	0	Tip Co
		Total	703,635	703,635	0	
			Balance	0	0	

Proposed HSIP Funding Allocation

Funding Request

Project	Fiscal Year Anticipated	Phase	Amount Requested	Annual Allocation	PYB	LPA
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<i>FY 2018</i>				555,274	1,052,893	
			<i>Flexed to FY '18 STBG</i>	-264,386		
			Grand Total	290,888		
Concord / CR 430S	2018	RW	195,488	195,488		Tip Co
McCutcheon Area Improvements	2018	PE	90,000	90,000		Tip Co
Harrison Area Improvements	2018	PE	0	0		Tip Co
South Street	2018	CN	5,400	5,400		Laf
		Total	290,888	290,888	0	
			Balance	0	1,052,893	

<i>FY 2019</i>				555,274	1,052,893	
Concord / CR 430S	2019	CN	834,636	555,274	279,362	Tip Co
		Total	834,636	555,274	279,362	
			Balance	0	773,531	

<i>FY 2020</i>				555,274	773,531	
North River / CR 500N	2020	CN	803,805	555,274	248,531	Tip Co
McCutcheon Area Improvements	2020	CN	450,000		450,000	Tip Co
Harrison Area Improvements	2020	PE	75,000		75,000	Tip Co
		Total	1,328,805	555,274	773,531	
			Balance	0	0	

<i>FY 2021</i>				555,274	0	
			<i>Flexed to FY '21 STBG</i>	277,637		
			Grand Total	277,637		
Harrison Area Improvements	2021	CN	277,637	277,637	0	Tip Co
		Total	277,637	277,637	0	
			Balance	277,637	0	

Indicates changes from current TIP

TIP Amendment # 12
October 20, 2017

Requested by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

October 20, 2017
Ref. No.: 2017-357


Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification follows the withdraw of the October 6th modification and the TIP amendment adopted on October 12th. This modification correctly reallocates STBG, STBG PYB and TA funds for the Happy Hollow Neighborhood Trail (des #1401288), the Sagamore Parkway Trail (des #1401287), the Soldiers Home Road project (des #1401291) and Yeager Road (des #1401281). The enclosed spreadsheet summarizes all of the changes.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Justin Sergeant
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, OCTOBER 20, 2017

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Hansen Hollow Blvd Trail										
	1401288	2019	STBG FYB	CE & CN	0	234,813	724,513	183,628	918,141	This modification removes TA funding and adds FY '19
		2020	TA	CE & CN	214,476	-274,476	0	0	0	STBG FYB funds (FY 20).
Sagehen Parkway Trail										
	1401287	2019	STBG	CE & CN	218,283	-218,283	0	0	0	This modification removes the FY '19 federal funds and
		2019	STBG FYB	CE & CN	1,057,717	-1,057,717	0	0	0	programs FY '20 Federal Funds (STBG, STBG FYB & TA).
		2020	STBG	CE & CN	0	337,000	337,000	84,250	421,250	
		2020	STBG FYB	CE & CN	0	604,487	604,487	151,122	755,609	
		2020	TA	CE & CN	0	214,476	214,476	53,619	268,095	
Sudden Home Rd Ph. 1										
	1401291	2020	STBG	PE	337,000	-337,000	0	0	0	This modification removes the FY '20 Federal Funds.
		2020	STBG FYB	PE	63,000	-63,000	0	0	0	
Yonker Road										
	1401281	2019	STBG	R/W	0	218,283	218,283	54,371	272,654	This modification changes the FY '19 federal funds from STBG
		2019	STBG FYB	R/W	230,476	-218,283	12,193	3,048	15,241	FYB to STBG and STBG FYB.

TIP Amendment # 13
November 9, 2017

Requested by INDOT

Corrected Resolution T-17-12

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Private Share	Total Cost
SR 38, des #1602057	2018	STP	PE	8,000	2,000	10,000
SR 38, des #1601997	2018	STP	PE	8,000	2,000	10,000
US 52, des #1702292	2018	STP	PE	11,440	2,860	14,300
	2018	STP	CN	120,000	30,000	150,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its October 18, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.


NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of November, 2017.


VILE 
Tony Roswarski President


Sallie Dell Fahey
Secretary

ADOPTED on Thursday the 14th of December, 2017


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

November 13, 2017
Ref. No.: 2017-382

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On November 9, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-12. The amendment programs the preliminary engineering phase for two SR 38 projects (des #'s 1602057 and 1601997). Details are described in the attached staff report and resolution.

The amendment also programs a new traffic signal project on US 52 (des #1702292). Both the preliminary engineering and construction phases are planned for FY 2018. The Policy Board approved programming the project with two recommendations and they are: 1) the need for an interconnect (with the traffic signal at the US 52 and Creasy/Brady Lane intersection); and 2) Tate and Lyle is to pay for the new traffic signal.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
November 1, 2017**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment for three projects. Two are already programmed in the TIP, the third one is new.

The TIP currently shows two bridge thin deck overlay projects on SR 38 over the Norfolk Southern Railroad. Construction is programmed for FY 2020. This amendment adds preliminary engineering to both projects. Both federal and state funding will be used and engineering is anticipated in the current fiscal year – FY 2018.

The following tables provide the detailed information for the SR 38 projects.

*SR 38, westbound bridge over the NS Railroad, 1.37 mi. west of I-65 (des # 1602057)
Bridge Thin Deck Overlay*

Phase	Year	Federal Funds	Federal	State	Total
PE	2018	STP	8,000	2,000	10,000

*SR 38, eastbound bridge over the NS Railroad, 1.37 mi. west of I-65 (des # 1601997)
Bridge Thin Deck Overlay*

Phase	Year	Federal Funds	Federal	State	Total
PE	2018	STP	8,000	2,000	10,000

The third project is located on US 52 at the north entrance of the Tate & Lyle South plant, Ross Road also intersects across from the drive. A new traffic signal will be installed per request of Tate & Lyle. The traffic signal warrants have been reviewed and it does not meet warrant 1 (eight-hour vehicular volume) or warrant 2 (four-hour vehicular volume). It barely meets warrant 3 (peak hour volume). The requirement is 75 vehicles per hour and the observed number on the east bound approach is 78.

INDOT planned to use Federal STP funds for the project. The Technical Transportation staff recommended that the signal be solely funded by Tate & Lyle. The recommendation was based on the common local practice of requiring the cost of a new signal be paid by the manufacturer, business or developer requesting it. This was done at Paramount Drive at US 52, Meijer/Menards access at US 52 and the future Sagamore Commons access at Sagamore Parkway.

The following table shows the detailed information for INDOTs request.

*US 52, Tate & Lyle plant entrance / Ross Road (des # 1702292)
New Signal Installation*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	11,440	2,880	14,300
New	CN	2018	STP	120,000	30,000	150,000

The Technical Transportation Committee further stated the need to coordinate the signal timing with the traffic signal at the Creasy/Brady Lane intersection and recommends programming the project in the TIP with the two additional conditions:

- 1) The need for an interconnect.
- 2) Tate and Lyle to pay for the signal.

The following table shows the detailed information updated per the Technical Transportation Committee recommendation:

US 52, Tate & Lyle plant entrance / Ross Road (des # 1702292)
New Signal Installation w/ preferred interconnect

	Phase	Year	Federal Funds	Federal	Private	Total
New	PE	2018	---	0	14,300	14,300
New	CN	2018	---	0	150,000	150,000

RECOMMENDATION:

Staff recommends approval of this amendment, with the additional recommendations, to the FY 2018-2021 TIP by adoption of the attached Resolution T-17-12.

US 52 at Tate & Lyle / Ross Road



Proposed Location of New Traffic Signal Requested by Tate & Lyle



TIP Amendment # 14
November 9, 2017

Requested by INDOT

Resolution T-17-14

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation and the City of Lafayette requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
Various, des #1702393	2018	STBG	PE	1,000,000	0	1,000,000
	2019	STBG	PE	1,000,000	0	1,000,000

Star City Trail
(shown in Table 5)

Specific project information has not yet been identified

WHEREAS, the Technical Transportation Committee reviewed the requests at its November 15, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday, the 14th of December, 2017.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

December 15, 2017

Ref. No.: 2017-423

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On December 14, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-14. The amendment programs the State Police work zone enforcement project, des #1702393. Details are described in the attached staff report and resolution.

The Policy Board also amended Resolution T-17-12 which included a new traffic signal installation project on US 52, des #1702292. Federal funds for the preliminary engineering and construction phases were added. A copy of the amended resolution is enclosed.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,


Sallie Dell Fahey
Executive Director

enclosures

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

December 15, 2017

Ref. No.: 2017-424

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

On December 14, 2017, the Policy Board amended the FY 2018-2021 TIP by Resolution T-17-14. The amendment moves the Star City Trail from Table 4, Funded Local Projects to Table 5, Unfunded Local Projects. It also removed the des number (1401284), all funding information and estimated dates.

Enclosed you will find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: ww.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
November 29, 2017**

BACKGROUND AND REQUEST:

This TIP amendment contains two requests. The first, for the Indiana Department of Transportation, is to program a project that will occur at various locations throughout the State. In the second request, the City of Lafayette proposes to move one of its projects from the funded table (Table 4) to the unfunded table (Table 5).

A) Indiana Department of Transportation

INDOT's Central Office requests the amendment to fund state police enforcement in interstate construction work zones. This project will be solely funded with Federal STBG funds and it will occur in FY 2018 and 2019. The following table provides the detailed information:

State Police Enforcement, Various Interstate Locations Throughout the State, Des # 1702393

Phase	Year	Federal Funds	Federal	State	Total
PE	2018	STBG	1,000,000	0	1,000,000
PE	2019	STBG	1,000,000	0	1,000,000

B) City of Lafayette

The TIP currently shows the Star City Trail as a locally funded project with an estimated construction date of 2021. The Engineer's office requests the project be moved from the funded local projects table to the unfunded local projects table. It is also requested that the project des number be retired, and the following wording be added to the project description: "Specific project information has not yet been identified."

The Technical Transportation Committee reviewed the amendment at its November 15, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-17-13.

TIP Amendment # 15
January 11, 2018

Requested by INDOT

Resolution T-18-01

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

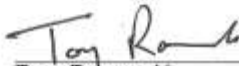
Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
SR 25, des #1700441	2019	STP	CN	188,000	47,200	236,000
SR 25, des #1701419	2019	STP	CN	115,098	28,774	143,872
SR 26, des #1500121	2019	STP	RW	28,000	7,000	35,000
	2019	STP	CN	8,000	2,000	10,000
SR 26, des #1592685	2018	STP	PE	12,992	3,248	16,240
	2019	STP	CN	2,348,800	587,200	2,936,000
SR 26, des #1702079	2019	STP	CN	246,138	61,534	307,672
SR 38, des #1601073	2018	STP	PE	276,800	69,200	346,000
	2019	STP	CN	20,000	5,000	25,000
SR 38, des #1601074	2018	STP	PE	476,554	119,139	595,693
	2019	STP	RW	480,000	120,000	600,000
	2019	STP	CN	8,000	2,000	10,000
SR 38, des #1602057	2018	STP	CN	8,000	2,000	10,000
SR 43, des #1700188	2018	HSIP	PE	32,000	8,000	40,000
SR 43, des #1700189	2018	HSIP	PE	32,000	8,000	40,000
US 52, des #0800132	2018	STP	PE	112,000	28,000	140,000
	2019	STP	RW	300,000	75,000	375,000
	2019	STP	CN	4,368,800	1,092,200	5,461,000
US 52, des #1172176	2019	HSIP	CN	504,000	126,000	630,000
US 52, des #1500277	2019	STP	CN	649,800	162,400	812,000
US 231, des #1400217	2019	STP	CN	1,238,400	309,600	1,548,000
US 231, des #1702078	2019	STP	CN	131,274	32,818	164,092
I-65, des #1500154	2018	NHPP	PE	81,000	9,000	90,000
	2019	NHPP	CN	14,196,600	1,577,400	15,774,000
I-65, des #1601088	2018	NHPP	PE	108,000	12,000	120,000
I-65, des #1601090	2018	NHPP	PE	108,000	12,000	120,000
I-65, des #1601091	2019	NHPP	PE	22,500	2,500	25,000
	2019	NHPP	RW	22,500	2,500	25,000
	2020	NHPP	CN	2,016,638	224,071	2,240,709

Project	Year	Federal Funding	Phase	Federal Share	State Share	Total Cost
I-65, des #1601092	2019	NHPP	RW	22,500	2,500	25,000
	2019	NHPP	CN	22,500	2,500	25,000
	2020	NHPP	CN	1,893,625	210,403	2,104,028
I-65, des #1602033			Remove Project From TIP			
I-65, des #1602092			Remove Project From TIP			

WHEREAS, the Technical Transportation Committee reviewed the requests at its December 20, 2017 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of January, 2018.


 Tony Roswarski
 President


 Sallie Dell Fahey
 Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 12, 2018
Ref. No.: 2018-026

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On January 11, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-01. The amendment involves 22 INDOT projects which includes adding six new ones, modifying fourteen and removing two. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
January 3, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment for twenty-two projects throughout Tippecanoe County. Of the projects submitted, six of them are new and involve either maintenance (State Roads 25, 26, 38 and I-65) or intersection improvements (State Road 43). Most of the projects in this request are already shown in the TIP, and the changes requested involve adding phases and/or updating existing phase data. Fourteen projects add project phases. Nine are for bridge work, one is for a small structure and one is for road rehabilitation. Three projects have updated phase information, including the Teal Road projects, for which the letting date has been moved to January, FY 2019. Finally, two bridge deck overlay projects on I-65 are being removed since their decks were improved in FY 2014.

The following tables provide the detailed information for each individual project.

*SR 25, from 0.35 miles west of US 52 to US 52 (des # 1700441)
PCCP Patching*

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2019	STP	188,800	47,200	236,000

*SR 25, CR 1000E over SR 25, 4.53 miles west of US 421 (des # 1701419)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	115,098	28,774	143,872

*SR 26, 5.75 miles west of US 231, over Southworth Branch (des # 1500121)
Small Structure Replacement*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	RW	2019	STP	28,000	7,000	35,000
Add Phase	CN	2019	STP	8,000	2,000	10,000

The construction funding in FY 2019 is for utility coordination efforts

*SR 26, from 1.35 mile east of I-65 NB to 0.62 miles east of US 421 (des # 1592685)
HMA Overlay, Preventative Maintenance*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	12,992	3,248	16,240
New	CN	2019	STP	2,348,800	587,200	2,936,000

*SR 26, over middle fork Wildcat Creek, 3.18 miles east of I-65 (des # 1702079)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
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Add Phase	CN	2019	STP	246,138	61,534	307,672
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SR 38, from 0.95 miles to 1.08 miles east of I-65 (des # 1601073)
Road Rehabilitation

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	STP	276,800	69,200	346,000
Add Phase	CN	2019	STP	20,000	5,000	25,000

The construction funding in FY 2019 is for utility coordination efforts.

SR 38, from 1.07 miles east of I-65 to US 421 (des # 1601074)
HMA Overlay, Minor Structural

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	476,554	119,139	595,693
New	RW	2019	STP	480,000	120,000	600,000
New	CN	2019	STP	8,000	2,000	10,000

The construction funding for 2019 is for utilities coordination efforts.

SR 38, west bound bridge over NS Railroad, 1.37 miles west of I-65 (des # 1602057)
Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2018	STP	8,000	2,000	10,000

The funding requested is for railroad preliminary engineering.

SR 43, at I-65, north bound exit/entrance ramp terminus (des # 1700188)
Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	HSIP	32,000	8,000	40,000

Construction is targeted for FY '22

SR 43, at I-65, south bound exit/entrance ramp terminus (des # 1700189)
Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	HSIP	32,000	8,000	40,000

Construction is targeted for FY '22

US 52, from 0.21 miles east of US 231 to 3.21 miles east of US 231 (des # 0800132)
Road Reconstruction

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	STP	112,000	28,000	140,000
Update	RW	2019	STP	300,000	75,000	375,000
Update	CN	2019	STP	4,368,800	1,092,200	5,461,000

US 52, at 9th St., 18th St., 22nd St., 26th St., Elston Rd., Old 231/Carter Lumber (des # 1172176)
Traffic Signal Modernization

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	HSIP	504,000	126,000	630,000

US 52, at 4th St. / Poland Hill Rd. Intersection (des # 1500277)
Intersection Improvement with New Signal

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	649,600	162,400	812,000

US 231, 0.97 miles north of SR 28 (des # 1400217)
Bridge Replacement, Other Construction

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	1,238,400	309,600	1,548,000

US 231, Elston Rd. over US 231 (des # 1702078)
Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	CN	2019	STP	131,274	32,818	164,092

I-65, from 2.43 miles north of SR 43 to US 231 (des # 1500154)
HMA Overlay, Preventative Maintenance

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	NHPP	81,000	9,000	90,000
New	CN	2019	NHPP	14,196,600	1,577,400	15,774,000

I-65, north bound bridge over SR 43, 3.13 miles north of SR 25 (des # 1601088)
Bridge Deck Replacement & Widening

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	NHPP	108,000	12,000	120,000

I-65, south bound bridge over SR 43, 3.13 miles north of SR 25 (des # 1601090)
Bridge Deck Replacement & Widening

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2018	NHPP	108,000	12,000	120,000

I-65, north bound lanes, 0.77 miles north of SR 43 at Burnett Creek (des # 1601091)
Bridge Deck Replacement & Widening

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	PE	2019	NHPP	22,500	2,500	25,000

Add Phase	RW	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2020	NHPP	2,016,638	224,071	2,240,709

The preliminary engineering funding that is currently shown in the TIP for FY '18 is to remain.

*I-65, south bound lanes, 0.77 miles north of SR 43 at Burnett Creek (des # 1601092)
Bridge Deck Replacement & Widening*

	Phase	Year	Federal Funds	Federal	State	Total
Add Phase	RW	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2019	NHPP	22,500	2,500	25,000
Add Phase	CN	2020	NHPP	1,893,625	210,403	2,104,028

The construction funding in FY 2019 is for utility coordination efforts

*I-65, Wyndotte Rd. bridge over I-65, 2.43 miles south of SR 38 (des # 1602033)
Bridge Thin Deck Overlay*

Phase	Year	Federal Funds	Federal	State	Total
Update		Remove Project From TIP			

*I-65, CR 375S bridge over I-65, 0.77 miles south of SR 38 (des # 1602096)
Bridge Thin Deck Overlay*

Phase	Year	Federal Funds	Federal	State	Total
Update		Remove Project From TIP			

The Technical Transportation Committee reviewed the amendment at its December 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-01.

TIP Amendment # 16
January 11, 2018

Requested by CityBus

Resolution T-18-02

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2018-2021 Transportation Improvement Program as follows:


Projects	Des Number	Year (CY)	Federal Share	Local Share	Total Cost
Operating Assistance	1400659	2018	2,160,816	10,456,858	12,617,674
Bus Overhauls: Engines	1400661	2018	24,400	6,100	30,500
Bus Overhauls: Transmissions	1400662	2018	64,000	16,000	80,000
Computer Hardware & Software	1400664	2018	83,200	20,800	104,000
Paratransit Bus	1700409	2018	65,266	16,317	81,583
Support Vehicle	1400665	2018	32,000	8,000	40,000
Fixed Route Buses	1400666	2018	1,380,000	345,000	1,725,000
Vehicles Camera Systems	1500389	2018	28,000	7,000	35,000
Rehab Facility	New	2018	80,000	20,000	100,000
Solar Wayside Signage	New	2018	70,400	17,600	88,000
Mobile Phone App	New	2018	8,000	2,000	10,000
Strategic Plan	1700412	2018	48,000	12,000	60,000
Planning Software	New	2018	48,000	12,000	60,000

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the new and revised transit projects at its November 28, 2017 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its December 20, 2017 meeting and recommended its inclusion in the FY 2018-2021 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of January, 2018.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 12, 2018
Ref. No.: 2018-027

Larry Buckel, Transit Office Manager
INDOT Room N955-Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On January 11, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-02. The amendment includes updating CityBus's CY 2018 operating, capital and planning projects. Funding for operations in CY 2018 has increased due to additional service on two routes. The capital project list has been revised. The scope and cost for seven projects have been updated and three new projects have been added. The scope and cost of the strategic plan project has increased and another planning project has been added. The enclosed staff report and resolution provide the specific details.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Susie Kemp, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

The Greater Lafayette Public Transportation Corporation, or CityBus, requests an amendment to update its CY 2018 Section 5307 operating, capital and planning list of projects by adding \$71,022 in CY 2017 Section 5307 carryover funds, \$1,000,000 in CY 2017 Section 5307 funds transferred from MACOG, and \$2,066 in CY 2017 Section 5310 funds. The table below summarizes the sources of all federal funds:

CY 2017 Section 5307 carryover:	\$71,022
CY 2017 Section 5310 carryover:	\$2,066
CY 2017 Section 5307 MACOG:	\$1,000,000
CY 2018 Section 5307 new estimate:	\$3,418,471
Total:	\$4,491,559

The following tables summarize the changes:

Before Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2018	Operating Assistance	\$1,000,000	\$11,252,323	\$12,252,323
2018	Capital Assistance	\$1,630,400	\$407,600	\$2,038,000
2018	Planning Assistance	\$40,000	\$10,000	\$50,000

After Amendment:

<u>Year</u>	<u>Project</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
2018	Operating Assistance	\$2,160,816	\$10,456,858	\$12,617,674
2018	Capital Assistance	\$1,926,466	\$481,617	\$2,408,083
2018	Planning Assistance	\$96,000	\$24,000	\$120,000

A portion of the additional federal funds will be used for operating expenses (Section 5307). Funds will also be used for scope changes of seven already programmed capital projects (bus overhauls: engines, bus overhauls: transmissions, computer hardware and software, paratransit vehicle, support vehicle, and fixed route buses and security cameras). The remaining funds will be allocated to three new capital projects (rehab facility, solar wayside signage, and mobile phone app). The following justification is provided by CityBus for the new and updated projects.

Operating Assistance - \$12,617,674. Des #1400659

Growth in state operating funds for transit, known as the Public Mass Transit Fund (PMTF), and local taxes have not kept pace with the growth in expenses. CityBus needs to use more of its Section 5307 appropriation of Federal funds to offset the increase in operating costs. An additional \$1,160,816 in Section 5307 funds will be used for operating assistance. The continuation of the Route 9 Park East bus and one additional bus on route 4B necessitates the additional operating assistance.

Rebuild or Replace Bus Engines. \$30,500. Des #1400661

CityBus is decreasing the amount of funds needed for engine replacements/repairs to \$30,500. Repair and replacement of engines has decreased due to preventive maintenance and manufacturer warranties. CityBus anticipates repairing and/or replacing two engines in 2018 at an average cost of \$15,250 each. CityBus believes these funds can be better spent on transmissions and other projects.

Rebuild or Replace Bus Transmissions. \$80,000. Des #1400662

In addition to the funds already programmed, the project is being increased by \$6,000. CityBus anticipates repairing and/or replacing transmissions in CY 2018 at higher costs than in previous years. There are currently 22 hybrid buses in the fleet, ranging in age from three to eight years. Repair or replacement of hybrid transmission components such as hybrid drives, and batteries can cost as much as \$50,000.

Computer Hardware and Software - \$104,000. Des #1400664

With an amended increase of \$54,000, CityBus will continue to focus on disaster recovery and procure software to increase efficiency and accuracy. CityBus has invested heavily in information technology systems to implement a disaster recovery plan. A large portion of the funds requested will be used to purchase a backup server that will be off-site and be a duplicate of the current system. The plan is to minimize down-time in a catastrophic event. CityBus is also planning to invest in a grants management module to be incorporated within the existing enterprise system.

Paratransit Bus Replacement - \$81,583. Des #1700409

INDOT awarded CityBus CY 2017 Section 5310 funds for the purchase of two replacement paratransit buses at a total cost of \$157,664. In CY 2018 CityBus will replace #443, and 2011 Supreme, with the remaining available fund of \$65,266, an amended increase of \$2,066 (the first bus was programmed for replacement in CY 2017). The paratransit bus will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D at the time of replacement.

Support Vehicle - \$40,000. Des #1400665

With an amended increase of \$10,000, CityBus will replace a 2008 Ford F-250 truck. The replaced vehicle will exceed the requirements of FTA Circular 9030.1A for age for replacement.

Fixed Route Bus Replacement - \$1,725,000. Des #1400666

With an amended increase of \$125,000, CityBus will purchase two 40' buses and one 60' bus to replace 2005 Gilligs #1401, #1402, and #1403. Buses will be replaced per FTA guidelines as outlined in FTA Circular 9030.1D. The buses being replaced will be over 12 years in age, and all new buses will use CNG fuel.

Vehicle Camera Systems - \$35,000. Des #1500389

With an amended addition of \$5,000, CityBus will replace outdated equipment for vehicle security camera systems that are no longer being supported by the manufacturer. FTA requires 1% of Section 5307 funds to be used for security-related transit enhancements.

Rehab Facility - \$100,000. Des # NEW

CityBus needs to make repairs to the bus wash and rehab/replace garage doors for the bus barn and maintenance building. Estimated cost is \$60,000 for bus wash and \$40,000 for garage doors.

Solar Wayside Signage - \$88,000. Des # NEW

CityBus will replace hardwired wayside signs with solar wayside signs. The signs will be placed at bus stops with high ridership, serve multiple routes, or both. Real-time data increases passenger certainty and may drive ridership.

Mobile Phone App - \$10,000. Des # NEW

CityBus will replace an expensive, cumbersome mobile app with a mobile app that can integrate with the current CAD/AVL software. This change will make real-time data available to the community with increase efficiency.

The following table summarizes the updated capital items:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Replacement Tires	Sec. 5307	56,000	14,000	70,000
2	Bus Overhauls: Engines	Sec. 5307	24,400	6,100	30,500
3	Bus Overhauls: Transmissions	Sec. 5307	64,000	16,000	80,000
4	Bus Rebuild Components		22,400	5,600	28,000
5	Computer Hardware & Software	Sec. 5307	83,200	20,800	104,000
6	Paratransit Bus	Sec. 5310	65,266	16,317	81,583
7	Support Vehicle	Sec. 5307	32,000	8,000	40,000
8	Bus Replacement	Sec. 5307	1,380,000	345,000	1,725,000
9	Coin Counter		6,400	1,600	8,000
10	Security Cameras for Vehicles	Sec. 5307	28,000	7,000	35,000
11	Office Furniture		6,400	1,600	8,000
New	<i>Rehab Facility</i>	<i>Sec. 5307</i>	<i>80,000</i>	<i>20,000</i>	<i>100,000</i>
New	<i>Solar Wayside Signage</i>	<i>Sec. 5307</i>	<i>70,400</i>	<i>17,600</i>	<i>88,000</i>
New	<i>Mobile Phone App</i>	<i>Sec. 5307</i>	<i>8,000</i>	<i>2,000</i>	<i>10,000</i>
Total			1,924,466	481,617	2,408,083

Note: Projects highlighted in grey are either updated or new. Those in italic are new.

CityBus is also updating its planning projects. The scope of the strategic planning project that is currently programmed in the TIP will be expanded and a new planning project is added (planning software). The following summaries are for both projects:

Planning: Strategic Plan - \$60,000. Des #1700412

With an amended addition of \$10,000, CityBus will look to the future through the development of a new five-year strategic plan. Work will include conducting needs analysis, review of leadership's aspirations for CityBus, articulating our mission for the next five years, understand our strengths, weaknesses, opportunities and threats, establish long-term goals and yearly objectives, and developing specific actions plans (tactics). Part of this process will also involve hiring consulting firms to conduct rider and no-rider surveying throughout the community and a boundary and taxation review and analysis. CityBus will also hold focus groups of business and elected leaders and non-profit organizations. Research will be done on new technology for use in public transit.

Planning: Software - \$60,000. Des # NEW

CityBus will invest in run-cutting software to increase service efficiency and reduce redundancy.

The following table summarizes the new planning item:

Item	Description	Federal Source	Federal Share	Local Share	Total Cost
1	Planning - Strategic Plan	Sec. 5307	48,000	12,000	60,000
2	Planning - Software	Sec. 5307	48,000	12,000	60,000
Total			96,000	24,000	120,000

The CityBus Board of Directors resolved to authorize the updated 2018 operating, capital and planning list of projects on November 28, 2017.

The Technical Transportation Committee reviewed the amendment request at its December 20, 2017 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 Transportation Improvement Program by adoption of the attached Resolution T-18-02.

TIP Amendment # 17
January 16, 2018

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 16, 2018
Ref. No.: 2018-028

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification addresses various changes to Tippecanoe County's projects that are programmed in FY 2018.

The first change addresses a shortfall in funding for the Klondike Road project, des #1173626, due to new construction estimates. The project is scheduled for a March 14, 2018 bid letting. While the TIP currently shows the project programmed with a total construction cost of \$5,689,490 with a Federal portion of \$4,551,592 in STBG, STBG PYB and TA Federal funds, new estimates place the total construction cost just under ten million dollars.

Additional funding for the Klondike Road project will come from two sources. First, the Northwestern Indiana Regional Planning Commission, NIRPC, has agreed to loan us \$1,200,000 in FY 2018 STBG funds which will be paid back through Lafayette's FY 2019 STBG annual allocation. For the TIP to remain fiscally constrained, the FY 2019 funds will come from the Cherry Lane Extension project, des #1401290. You received the fully executed agreement with NIRPC via my email on Friday, 1/12/18.

Second, the TIP allocates \$2,080,000 in FY 2018 STBG PYB funds to the Lindberg Road project, des #1173627. This administrative modification reallocates the entire amount to the Klondike Road project. The Lindberg Road project will be moved to FY 2021 and programmed with the funds allocated to the Yeager Road project, des #1401281. The construction phase of Yeager Road project will be moved to an out year.

The next change reallocates the STBG funds from the County Farm Road intersection project, des #1702333 to other projects. Because these funds are going to be reallocated to approved safety projects, I am requesting the \$114,526 be flexed back to HSIP funds. A portion, \$94,590, is now allocated to the preliminary engineering phase of the McCutcheon Ped Safety project, des #1601028, and the remaining balance, \$19,936, is allocated to the right-of-way phase of the Concord Road project, des #1401282.

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

Finally, the Morehouse Road project is updated to end just north of Mason Dixon Drive. Currently the TIP shows the project ending at CR 500N.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

cc: Stu Kline
Justin Sargent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JANUARY 16, 2018

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Kinsdale Road	1173626	2018	STBG	CN	3,997,140	1,200,000	5,197,140	1,299,285	6,496,425	This modification adds STBG funds from a trade with the NREPC MPO and STBG P18 funds from Lindberg Road.
		2016	STBG P18	CN	339,976	2,080,000	2,419,976	604,994	3,034,970	
Cherry Lane Extension	1401290	2019	STBG	CE & CN	3,538,368	-1,200,000	2,338,368	584,592	2,922,960	This modification renames a portion of the FY '19 federal funds to rejoin the trade with the NREPC MPO.
Jerdburn Road	1173627	2018	STBG P18	CN	2,080,000	-2,080,000	0	0	0	This modification moves the project to FY '21 and reallocates the federal funds from Yeager Road to Lindberg Road.
		2021	STBG	CN	0	2,108,579	2,108,579	527,145	2,635,724	
Yeager Road	1401281	2021	STBG	CN	2,108,579	-2,108,579	0	0	0	This modification moves the CN phase to an old year.
Countryside Farm Road	1702313	2018	STBG	PE	114,526	-114,526	0	0	0	This modification first flexes the STBG funds back to HSP and the funds are reallocated to the McCurtcheon Ped Safety and Concord Road project.
McCurtcheon Ped Safety	1601028	2018	HSP	PE	90,000	94,590	184,590	46,148	230,738	This modification adds a portion of the funds from the County Farm project.
Concord Road	1401282	2018	HSP	KW	195,488	19,936	215,424	53,856	269,280	This modification adds a portion of the funds from the County Farm project.
Morehouse Road	1401280									This modification shortens the project to end just north of Mason Dixon Road instead of at CR 500N.

Federal Funding Summary for Kinsdale Road (updated)

STBG	5,197,140
STBG P18	2,419,976
TA	214,476
Total	7,831,592

Agreement Between
the Northwestern Indiana Regional Planning Commission
and the
Area Plan Commission of Tippecanoe County

The Area Plan Commission of Tippecanoe County (APCTC) needs an additional \$1.2 million in STBG funds for projects letting in FY2018. The Northwestern Indiana Regional Planning Commission (NIRPC) has \$1.2 million it cannot obligate in FY 2018 which it will provide to APCTC. APCTC will return the \$1.2 million from FY2019 Group II Annual Allocation STBG funds.



Tyson Warner, Executive Director
Northwestern Indiana Regional Planning Commission

Dated: January 12, 2018



Sallie Dell Fahey, Executive Director
Area Plan Commission of Tippecanoe County

Dated: 29. December 2017

TIP Amendment # 18
January 24, 2018

Requested by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 24, 2018
Ref. No.: 2018-041

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification reallocates the \$6,441 that was added to the North Street project, des #1172413, on August 1, 2017 due to a change order. We recently learned that the change order was non-participating and the federal funds were not needed.

This modification reallocates the federal funds to the construction phase of the Klondike Road project, des #1173626.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

cc: Stu Kline
Justin Sargent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JANUARY 24, 2018

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Note
Kindike Road	1172626	2018	STBG	CN	5,197,140	6,441	5,203,581	See Below	0	This modification adds STBG funds from the North Street project.
North Street	1172413	2018	STBG	CN	6,441	-6,441	0	0	0	These funds are no longer needed for a change order.

Federal Funding Summary for Kindike Road

STBG Funds	5,203,581
STBG FYB Funds	2,419,976
TA Funds	214,476
Total	7,838,033

Total Construction	9,797,541
Total Local Share	1,959,508

TIP Amendment # 19
February 16, 2018

Requested by Tippecanoe County

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 16, 2018
Ref. No.: 2018-068

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification reallocates \$50,004 in FY 2018 HSIP funds from the right-of-way phase of the Concord at CR 430S safety project, des #1401282, to the right-of-way phase of the North River Road at CR 500N safety project, des #1401279.

The attached spreadsheet shows the modification details. Please call if you have any questions or need additional information.

Sincerely,


Sallie Dell Fahey
Executive Director

attachment

cc: Stu Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 16, 2018

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Concord Road	1401282	2018	HSP	EW	215,424	-50,004	165,420	18,380	183,800	The amount of federal funds has been reduced due to updated parcel appraisals.
Grant Road	1401279	2018	HSP	EW	0	50,004	50,004	12,501	62,505	The additional funds are needed for the turn lanes on River Road.

TIP Amendment # 20
February 20, 2018

Requested by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 20, 2018
Ref. No.: 2018-069

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification addresses Prior Year Balance funding changes and updates the federal funding allocations through FY 2022.

The first change involves removing the STBG PYB funding from the RW phases of the Park East Boulevard (des #1700405) and the Morehouse Road (des #1401280) projects that are programmed in FY 2019. The Park East project moves to FY 2020 and the Morehouse Road project moves to FY 2022. The STBG and STBG PYB funds allocated to the Morehouse Road project in FY 2019 are reallocated to the construction phase of the Concord Road project (des #1401282).

Looking past FY 2019, the attached table details the changes. For the Morehouse Road project, funding has been removed from FY 2020 and the phase is now programmed for FY 2022. Funding for the construction of the River Road project (des #1401279) in FY 2020 has increased. Construction of the McCutcheon Ped Safety project (des #1601028) has been moved to FY 2022 and a RW phase has been programmed for FY 2021. The Lindberg Road project (des #1173627) receives an increase in funding and construction of Yeager Road (des #1401281) is now programmed in FY 2022. Finally, Federal funding has been removed from the Harrison Safety (des #1700407) and the County Farm Road (des #1702333) projects.

It should be noted that all federal funding for FY 2022 will be shown in Table 5 of the FY 2018-2021 TIP and it will be shown for informational purposes only.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

attachment

cc: Justin Sergent
Stephani Vermillion

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 20, 2018

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Park Road Boulevard										
	1700405	2019	STBG PYB	RW	108,000	-108,000	0	0	0	This modification moves the RW phase from 2019 to 2020.
		2020	STBG PYB	RW	0	108,000	108,000	27,000	135,000	
Monterey Road										
	1401280	2019	STBG	RW	49,397	-59,397	0	0	0	This modification moves the RW phase from 2019/2020 to 2022. Funding for 2022 will be shown in the TIP for informational purposes only.
		2020	STBG PYB	RW	18,826	-18,826	0	0	0	
		2021	STBG	RW	321,603	-321,603	0	0	0	
		2022	STBG	RW	0	321,603	321,603	80,401	402,004	
Concord at CE 4305										
	1401282	2019	STBG	CN	140,698	-59,571	200,269	50,067	250,336	This modification adds additional STBG and STBG PYB funds to the CN phase.
		2020	STBG PYB	CN	0	18,826	18,826	4,707	23,533	
River Road at CE 500N										
	1401279	2020	STBG	CN	49,010	-461,635	510,645	127,666	638,331	This modification adds additional STBG and STBG PYB funds to the CN phase.
		2021	HSIP PYB	CN	248,531	-525,000	773,531	85,948	859,479	
County Farm Road										
	1700233	2020	STBG	RW	140,032	-140,032	0	0	0	This modification removes all federal funding from the project.
		2021	STBG	CN	500,000	-500,000	0	0	0	
McClellan Feed Safety										
	1601028	2020	HSIP PYB	CN	450,000	-450,000	0	0	0	This modification shifts construction from 2020 to 2022 and adds a RW phase to the project (FY 2021). Funding for 2022 will be shown in the TIP for informational purposes only.
		2021	HSIP	RW	0	450,000	450,000	50,000	500,000	
		2022	HSIP	CN	0	555,274	555,274	61,697	616,971	
		2023	TA	CN	0	214,476	214,476	53,619	268,095	
Harrison Safety										
	1700407	2020	HSIP PYB	CN	75,000	-75,000	0	0	0	This modification removes all federal funding from the project.
		2021	HSIP	CN	277,637	-277,637	0	0	0	
		2022	TA	CN	214,476	-214,476	0	0	0	
Lindberg Road										
	1173627	2021	STBG	CN	2,108,579	-327,637	2,436,216	609,054	3,045,270	This modification adds additional STBG and TA funds to the CN phase of the project.
		2022	TA	CN	0	214,476	214,476	53,619	268,095	
Yacoger Road										
	1401281	2022	STBG	CN	0	3,600,000	3,600,000	900,000	4,500,000	This modification adds the CN phase to the project. It will be shown in the TIP for informational purposes only.

TIP Amendment # 21
March 8, 2018

Requested by INDOT & Wabash Center

Resolution T-18-03

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation and the Wabash Center requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
US 52, des #1592842	2018	STP	CN	\$16,000	\$4,000	\$20,000
	2019	STP	CN	\$48,000	\$16,000	\$60,000
Wabash Center	2018	Section 5310	EQ	\$96,000	\$24,000	\$120,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its February 21, 2018 meeting and recommended for inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 8th of March, 2018.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 9, 2018
Ref. No.: 2018-076

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On March 8, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-03. The amendment added federal and state funding for railroad flagging to the US 52 PCCP patching project, des #1592842. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,


Sallie Dell Fahey
Executive Director

FY 2018-2021 TIP Amendment
Indiana Department of Transportation & Wabash Center

**Staff Report
February 28, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to a maintenance project which is located on US 52. The Wabash Center also requests an amendment to program a grant request for minivans.

INDOT Project

US 52, From 0.68 mi W of US 231 (E approach of Wabash River Br) to 0.21mi E of US 231, des #1592842

PCCP Patching

INDOT anticipates patching a portion of US 52 in FY 2019 (March 2019 letting date) and funding for construction is already programmed in the TIP. This amendment adds additional federal and state funds for railroad flagging. The following table shows the detailed information.

Phase	Year	Federal Funds	Federal	State	Total
CN	2018	STP	16,000	4,000	20,000
CN	2019	STP	48,000	16,000	60,000

Wabash Center

The second part in this amendment is a request from the Wabash Center to program a van replacement project. The Center has applied for Federal Transit Administration Section 5310 funds to replace three vans. The total cost of the project is \$120,000 and the federal portion is \$96,000. Then Center will use its capital assets and operating funds for the local match of \$24,000.

Since the grant has not yet been approved by INDOT, it will be programmed in Table 5: Unfunded Local Projects: Fiscal Years 2018 through 2012. When it is approved, it will be administratively moved to Table 4, Funded Local Projects: Fiscal Years 2018 through 2021.

The Technical Transportation Committee reviewed the amendment at its February 21, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment, with the additional recommendations, to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-03.

TIP Amendment # 22
March 28, 2018

Requested by APC Staff & Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 28, 2018

Ref. No.: 2018-087, revision to Ref. No. 2018-083

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

With this revised letter and attached spreadsheet, the Lafayette MPO is updating the administrative modification to the FY 2018-2021 TIP originally submitted March 27, 2018. The correction addresses the des. number in item 6 below.

This modification is multi-stepped and involves updating our annual allocation, flexing HSIP funds and changing the funding allocations of four projects. The attached spreadsheet details those changes. The TIP administrative modifications are as follows:

- 1) Update STBG, HSIP and TA funding allocations to match the amounts shown in INDOT's monthly report. The spreadsheet shows the amount of STBG funds decreased while the amount of HSIP/Penalty funds increased. This modification reflects those changes through updating the funding to the Klondike Road project.
- 2) Reduce TA funds for Klondike Road, des #1173626, from \$214,476 to \$210,229.
- 3) Flex additional eligible HSIP funds of \$123,094 to STBG funds for a total of \$272,954.
- 4) Remaining additional HSIP funds of \$11,815 are added to the RW phase of the River Road at CR 500N safety project, des #1401279.
- 5) Reduce the amount of HSIP funds allocated to the South Street project, des #1400566, from \$5,400 to \$4,778. The difference of \$622 is add to the Klondike Road project, des #1173626 and is also included in the total of \$272,954.
- 6) Reallocate \$9,591 of STBG PYB funds from the Twyckenham Trail project, des #1700401, to Klondike Road project, des #1173626.

The attached spreadsheet shows the detailed funding of the Klondike Road project.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

Attachment

cc: Stu Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, MARCH 28, 2018 - revised

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
South Street	1400566	2018	HSP	CN	5,400	-422	4,778	531	5,309	The allocation is reduced to match the reduction shown in the monthly report.
River Road	1401279	2018	HSP	RW	50,004	17,815	61,819	6,869	68,688	The amount of HSP funds has been increased to match the updated allocations.
Flex HSP funds to STBG		2018	HSP to STBG	---	149,860	323,094	272,954	---	---	
Twyndecham Trail	1700401	2018	STBG FYB	CN	220,000	-9,591	210,409	52,602	263,011	The allocation is reduced to the exact bid letting amount.
Kondike Road	1173626	2018	TA	CN	214,476	-4,247	210,229	52,557	262,786	The amount of TA funds is reduced to match the updated allocation. The amount of STBG funds has been updated to match the new STBG allocation and additional HSP funds that have been flexed to STBG. STBG FYB funds have been added.

Change in STBG funds

Change in STBG funds	-224,385
Reduction due to Update Allocation	123,024
Additional funds from flexed HSP	-101,291
Total	---

Federal Funding Allocation

Fund Type	Old	New	Difference
STBG	3,956,920	3,732,635	-224,385
HSP	555,275	645,908	90,633
164 Pen	0	143,653	143,653
TA	214,476	210,229	-4,247

Federal Funding Summary for Kondike Road, CN

Previous	New
54,680	54,680
1,200,000	1,200,000
1,49,860	272,954
3,799,041	3,574,636
5,203,581	5,102,290
	Total STBG Funds
2,419,976	2,429,567
214,476	210,229
7,838,033	7,742,086
	Overall Federal \$ for Kondike
9,867,000	Overall Total Cost of Kondike Construction
2,124,914	Overall Local Match for Kondike Construction

TIP Amendment # 23
April 9, 2018

Requested by APC Staff

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 9, 2018
Ref. No.: 2018-094

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification adds \$40,913 in STBG PYB funds to the construction phase of the Klondike Road project, des #1173626. INDOT's MPO Summary report for April shows \$2,738,889 as the maximum usage of PYB funds for FY 2018. The amount is slightly more than the amount shown in the FY '18-'21 TIP (\$2,697,976) and this modification addresses the difference by adding the additional PYB funds to the Klondike Road project.

The attached spreadsheet shows the detailed funding of the Klondike Road project.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sergeant
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, APRIL 9, 2018

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Klondike Road	1173526	2018	STBG PYB	CN	2,479,367	40,913	2,470,480	617,620	3,088,100	The additional PYB funds reflect the difference between the MPO Summary report and the TIP. The additional PYB funds are added to the CN phase of the Klondike project.

Change to STBG PYB Funds
 2,738,889 Amount Shown in April MPO Summary report
 2,697,976 Amount Shown in FY '18-'21 TIP
 40,913 Difference

Federal Funding Summary for Klondike Road, CN

Previous	New
34,680	54,680 FY '17 Carry Over
1,200,000	1,200,000 STBG from MRPCC
272,954	272,954 HSIF Flowed to STBG includes the additional
3,574,656	3,574,656 STBG
5,102,290	5,102,290 Total STBG Funds
2,429,567	2,470,480 STBG PYB
210,229	210,229 TA Funds
7,742,086	7,782,999 Overall Federal \$ for Klondike
	9,867,000 Overall Total Cost of Klondike Construction
	2,084,001 Overall Local Match for Klondike Construction

TIP Amendment # 24
April 12, 2018

Requested by INDOT

Resolution T-18-05

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:


Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
SR 25, des #1800413	2019	STP	PE	60,000	15,000	75,000
	2021	STP	CN	212,525	53,131	265,656
SR 25, des #1800414	2019	STP	PE	52,800	13,200	66,000
	2021	STP	CN	187,022	46,755	233,777
SR 25, des #1800418	2019	STP	PE	60,000	15,000	75,000
	2020	STP	CN	6,400	1,600	8,000
	2021	STP	CN	228,525	57,131	285,656
SR 25, des #1800419	2019	STP	PE	67,200	16,800	84,000
	2021	STP	CN	238,028	59,507	297,535
SR 25, des #1800420	2019	STP	PE	76,800	19,200	96,000
	2021	STP	CN	272,032	68,008	340,040
SR 25, des #1800421	2019	STP	PE	48,000	12,000	60,000
	2020	STP	CN	6,400	1,600	8,000
	2021	STP	CN	186,020	46,505	232,525
SR 25, des #1800437	2019	STP	PE	43,200	10,800	54,000
	2021	STP	CN	153,018	38,254	191,272
SR 25, des #1800438	2019	STP	PE	24,000	6,000	30,000
	2021	STP	CN	85,010	21,252	106,262
SR 25, des #1800440	2019	STP	PE	55,200	13,800	69,000
	2021	STP	CN	197,857	49,464	247,321
SR 25, des #1800441	2019	STP	PE	38,400	9,600	48,000
	2021	STP	CN	136,016	34,004	170,020
SR 25, des #1800442	2019	STP	PE	50,400	12,600	63,000
	2021	STP	CN	178,521	44,630	223,151
SR 25, des #1800443	2019	STP	PE	38,400	9,600	48,000
	2021	STP	CN	136,016	34,004	170,020
SR 25, des #1800445	2019	STP	PE	74,400	18,600	93,000
	2020	STP	CN	6,400	1,600	8,000
	2021	STP	CN	279,531	69,883	349,414

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
SR 25, des #1800455	2019	STP	PE	43,200	10,800	54,000
	2021	STP	CN	153,018	38,254	191,272
SR 26, des #1800569	2019	STP	PE	160,936	40,234	201,170
	2021	STP	CN	1,714,323	428,581	2,142,904
SR 28, des #1592968	2019	STP	CN	20,000	5,000	25,000
	2020	STP	CN	10,172,000	2,543,000	12,715,000
SR 28, des #1702332	2018	STP	PE	4,400	1,100	5,500
SR 28, des #1800670	2019	STP	PE	36,000	9,000	45,000
	2021	STP	CN	127,738	31,935	159,673
SR 38, des #1800452	2019	STP	PE	79,200	19,800	99,000
	2021	STP	CN	280,533	70,133	350,666
US 52, des #1701596	2019	STP	RW	31,200	7,800	39,000
	2019	STP	CN	8,000	2,000	10,000
US 52, des #1800425	2019	STP	PE	52,800	13,200	66,000
	2020	STP	CN	6,400	1,600	8,000
	2021	STP	CN	203,022	50,755	253,777
US 52, des #1800430	2019	STP	PE	52,800	13,200	66,000
	2020	STP	CN	6,400	1,600	8,000
	2021	STP	CN	203,022	50,755	253,777
US 231/52, des #1382313	2019	STP	CN	248,372	62,093	310,465
US 231/52, des # 1382314	2019	STP	CN	248,372	62,093	310,465
US 231, des #1800432	2019	STP	PE	76,800	19,200	96,000
	2021	STP	CN	272,032	68,008	340,040
US 231, des #1800433	2019	STP	PE	76,800	19,200	96,000
	2021	STP	CN	272,032	68,008	340,040
I-65, Des #1800451	2019	NHS	PE	86,400	9,600	96,000
	2021	NHS	CN	306,036	34,004	340,040

WHEREAS, the Technical Transportation Committee reviewed the requests at its March 21, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 12th of April, 2018.


John Dennis
Vice Chairman


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 13, 2018
Ref. No.: 2018-114

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On April 12, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-05. The amendment involves 27 INDOT projects which includes adding 23 new ones and modifying four. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Justin Sergent, INDOT Central Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
April 4, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program 23 new projects and update four projects that are programmed in the TIP.

Most projects are bridge related, and the majority are overlays (SR 25, SR 28, SR 38, US 52, US 231 and I-65). One project, US 52, involves replacing the bridge over Indian Creek and the other two entail scour protection on the US 231/52 bridges over the Wabash River.

The remaining three projects are also maintenance related and involve patching and rehabilitating SR 26 just east of I-65, rehabilitating SR 28 between US 231 and US 52 and correcting the drainage ditch on SR 28, approximately three miles east of SR 25.

The following tables provide the detailed information for each individual project.

*SR 25, south bound bridge over Buck Creek, 5.0 mi. north of I-65 (des # 1800413)
Bridge Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	60,000	15,000	75,000
New	CN	2021	STP	212,525	53,131	265,656

*SR 25, north bound bridge over Buck Creek, 5.0 mi. north of I-65 (des # 1800414)
Bridge Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	52,800	13,200	66,000
New	CN	2021	STP	187,022	46,755	233,777

*SR 25, south bound bridge over NS Railroad, 11.1 mi. north of I-65 (des # 1800418)
Bridge Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	60,000	15,000	75,000
New	CN	2020	STP	6,400	1,600	8,000
New	CN	2021	STP	228,525	57,131	285,656

*SR 25, north bound bridge over Sugar Creek, 8.1 mi. north of I-65 (des # 1800419)
Bridge Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	67,200	16,800	84,000
New	CN	2021	STP	238,028	59,507	297,535

SR 25, south bound bridge over Sugar Creek, 8.1 miles north of I-65 (des # 1800420)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	76,800	19,200	96,000
New	CN	2021	STP	272,032	68,008	340,040

SR 25, north bound bridge over NS Railroad, 11.1 mi. north of I-65 (des # 1800421)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	48,000	12,000	60,000
New	CN	2020	STP	6,400	1,600	8,000
New	CN	2021	STP	186,020	46,505	232,525

SR 25, north bound bridge over No Name Creek, 9.8 mi. north of I-65 (des # 1800437)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	43,200	10,800	54,000
New	CN	2021	STP	153,018	38,254	191,272

SR 25, north bound bridge over County Line Road, 11.3 mi. north of I-65 (des # 1800438)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	24,000	6,000	30,000
New	CN	2021	STP	85,010	21,252	106,262

SR 25, north bound bridge over CR 900N, 10.8 mi. north of I-65 (des # 1800440)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	55,200	13,800	69,000
New	CN	2021	STP	197,857	49,464	247,321

SR 25, south bound bridge over No Name Creek, 9.8 mi. north of I-65 (des # 1800441)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	38,400	9,600	48,000
New	CN	2021	STP	136,016	34,004	170,020

SR 25, south bound bridge over CR 900N, 10.8 mi. north of I-65 (des # 1800442)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	50,400	12,600	63,000
New	CN	2021	STP	178,521	44,630	223,151

SR 25, south bound bridge over Bridge Creek, 10.5 mi. north of I-65 (des # 1800443)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	38,400	9,600	48,000
New	CN	2021	STP	136,016	34,004	170,020

SR 25, CR 300N bridge over SR 25 and the NS Railroad, 1.3 mi. north of I-65 (des # 1800445)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	74,400	18,600	93,000
New	CN	2020	STP	6,400	1,600	8,000
New	CN	2021	STP	279,531	69,883	349,414

SR 25, north bound bridge over Bridge Creek, 10.5 mi. north of I-65 (des # 1800455)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	43,200	10,800	54,000
New	CN	2021	STP	153,018	38,254	191,272

SR 26, I-65 SB ramps to 1.49 mi. east of I-65 (des # 1800569)
Patch and Rehab, PCCP Pavement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	160,936	40,234	201,170
New	CN	2021	STP	1,714,323	428,581	2,142,904

SR 28, US 231 to US 52W Junction (des # 1592968)
Road Rehabilitation

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2019	STP	20,000	5,000	25,000
Update	CN	2020	STP	10,172,000	2,543,000	12,715,000

SR 28, 3.4 mi. east of SR 25 (des # 1702332)
Drainage Ditch Correction

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2018	STP	4,400	1,100	5,500

SR 28, over Little Wea Creek, 4.81 mi. west of US 231 (des # 1800670)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	36,000	9,000	45,000
New	CN	2021	STP	127,738	31,935	159,673

SR 38, over South Fork of Wildcat Creek, 1.7 mi. east of I-65 (des # 1800452)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	79,200	19,800	99,000
New	CN	2021	STP	280,533	70,133	350,666

US 52, over Indian Creek (des # 1701596)
Bridge Replacement

	Phase	Year	Federal Funds	Federal	State	Total
Add	RW	2019	STP	31,200	7,800	39,000
Add	CN	2019	STP	8,000	2,000	10,000

US 52, east bound lanes over NS Railroad, south of Teal Road (des # 1800425)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	52,800	13,200	66,000
New	CN	2020	STP	6,400	1,600	8,000
New	CN	2021	STP	203,022	50,755	253,777

US 52, west bound lanes over NS Railroad, south of Teal Road (des # 1800430)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	52,800	13,200	66,000
New	CN	2020	STP	6,400	1,600	8,000
New	CN	2021	STP	203,022	50,755	253,777

US 231/52, north bound bridge over the Wabash River (des # 1382313)
Scour Protection (Erosion)

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	248,372	62,093	310,465

US 231/52, south bound bridge over the Wabash River (des # 1382314)
Scour Protection (Erosion)

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	248,372	62,093	310,465

US 231, north bound bridge over Big Wea Creek & Elliott Ditch (des # 1800432)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	76,800	19,200	96,000
New	CN	2021	STP	272,032	68,008	340,040

US 231, south bound bridge over Big Wea Creek & Elliott Ditch (des # 1800433)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	76,800	19,200	96,000
New	CN	2021	STP	272,032	68,008	340,040

I-65, McCarty Lane bridge over I-65 (des # 1800451)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	NHS	86,400	9,600	96,000
New	CN	2021	NHS	306,036	34,004	340,040

The Technical Transportation Committee reviewed the amendment at its March 21, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment, with the additional recommendations, to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-05.

TIP Amendment # 25
May 14, 2018

Requested by Wabash Center

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

May 14, 2018
Ref. No.: 2018-142

Larry Buckel, Transit Office Manager
INDOT Room N955-Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification moves Wabash Center's low floor mini-van project from Table 5, Unfunded Local Projects, to Table 4, Funded Local Projects.

Wabash Center's funding request for Section 5310 funds was approved by INDOT on May 1, 2018. These funds will be used to purchase three low-floor mini vans. The approved total project cost is \$111,000 with a federal match of \$88,800. The project des number is 1801505.

The TIP document will be updated and then placed on the APC web page. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Janet Schweikher, Wabash Center
Susie Kemp, INDOT Crawfordsville Office

TIP Amendment # 26
June 14, 2018

Requested by CityBus

Resolution T-18-06

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

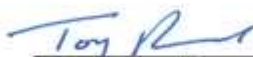
Projects	Des Number	Year (CY)	Federal Share	Local Share	Total Cost
Ped/Bike Detection System	1801629	2018	485,760	121,440	607,200

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the new and revised transit projects at its April 25, 2018 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its May 16, 2018 meeting and recommended its inclusion in the FY 2018-2021 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of June, 2018.



Tony Roswarski
Chairman



Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 18, 2018
Ref. No.: 2018-164

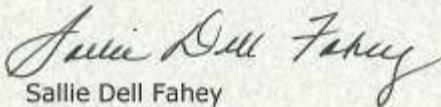
Larry Buckel, Transit Office Manager
INDOT Room N955-Trans
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On June 14, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-06. The amendment programs Section 5339 federal funds for a pedestrian and bicycle detection system for CityBus (GLPTC). The enclosed staff report and resolution provide more specific details.

The TIP document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Susie Kemp, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

CityBus requests an amendment to program Section 5339 funds to purchase and install new safety technology on its fleet of fixed route buses.

Section 5339 funds are Federal Transit Administration, FTA, funds that are allocated through a nationwide competitive process. The funds target bus replacement/related equipment and bus facility infrastructure improvements. CityBus applied for and received approval of these funds to install a pedestrian and bicycle detection system on its fleet of nearly seventy fixed route vehicles. It was the only transit system in the US to receive funding for this type of project in FY 2018.

Historically CityBus has been very proactive in preventing vehicle-to-pedestrian and vehicle-to-bicycle incidents. In addition to extensive driver training, CityBus launched the “#DontGoDino” safety campaign in 2014 that aimed to educate citizens, specifically college students, about the dangers of being a distracted pedestrian. The installation of the detection system provides an extra measure in preventing vehicle-to-pedestrian and vehicle-to-bicycle incidents.

The detection system will be installed on all fixed route buses. With the cost at approximately \$8,000 per bus along with a contingency for spare replacement parts, the total project cost is \$607,200. The federal share of Section 5339 funds is \$485,760 with the local share at \$121,440.

The CityBus Board of Directors authorized the amendment to the Transportation Improvement Program on April 25, 2018.

The Technical Transportation Committee reviewed the amendment at its May 16, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-06.

TIP Amendment # 27
June 14, 2018

Requested by INDOT

Resolution T-18-07

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
SR 26, des #1500096	2019	STP	RW	28,000	7,000	35,000
SR 28, des #1500155	2019	STP	CN	20,000	5,000	25,000
SR 38, des #1701561	2020	STP	CN	318,329	79,582	397,911
SR 38, des #1701562	2020	STP	CN	318,329	79,582	397,911
SR 43, des #1700188	2019	STP	PE	32,000	8,000	40,000
SR 43, des #1700189	2019	STP	PE	32,000	8,000	40,000
SR 225, des #1701548	2020	STP	CN	297,180	74,295	371,475
SR 225, des #1702137	2020	STP	CN	252,634	63,159	315,793
US 231, des #1700190	2019	STP	PE	320,000	80,000	400,000
I-65, des #1500644	2019	---	CN	0	727,000	727,000
I-65, des #1592704	2019	---	CN	0	666,000	666,000
I-65, des #1592705	2019	---	CN	0	666,000	666,000
I-65, des #1800399	2021	NHPP	CN	206,081	51,520	257,601
I-65, des #1800400	2021	NHPP	CN	206,081	51,520	257,601
I-65, des #1800401	2021	NHPP	CN	163,147	40,787	203,934
I-65, des #1800402	2021	NHPP	CN	163,147	40,787	203,934
I-65, des #1800431	2021	NHPP	CN	180,321	45,080	225,401

WHEREAS, the Technical Transportation Committee reviewed the requests at its May 16, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of June, 2018.


Tony Roswarski
Chairman


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 18, 2018
Ref. No.: 2018-163

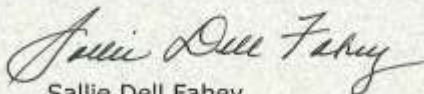
Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On June 14, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-07. The amendment involves modifying various INDOT projects already programmed in the TIP and adding six new ones. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
June 6, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program six new projects and update twelve projects that are already programmed in the TIP.

Twelve projects in this amendment are bridge related with scopes consisting of overlays (on SR 38, SR 225 and I-65) and painting (on I-65). All of the bridge painting projects are new and construction is scheduled in FY 2021. For the overlay projects, the construction phase is being added to the those located on SR 38 and SR 225 and they are planned to be done in FY 2020. This amendment removes the federal funds from the three projects on I-65. They will now be funded with just state funds.

The remaining six projects vary in scope. Currently the TIP shows INDOT starting preliminary engineering in FY 2018 for two intersection improvement projects on SR 43 at the Interstate ramps. PE will now be moved to FY 2019. Just to the north on the Interstate is a small structure pipe lining project. This amendment adds the construction phase and it is anticipated to take place in FY 2020. On the west side of the county, INDOT plans to clean and repair a culvert and the TIP currently shows both RW and CN programmed. The RW phase will be moved to FY 2019. An overlay project on SR 28 is currently programmed and funding is being added for construction work related to the railroad. Finally, INDOT is programming a new project on US 231 from approximately two and a half miles north of SR 28 to just south of the NS railroad over pass in Montgomery County. The project involves constructing passing lanes at various locations and PE is programmed in FY 2019.

The following tables provide the detailed information for each individual project.

*SR 26, culvert 4.98 mi west of US 231 (des # 1500096)
Culvert Clean and Repair*

	Phase	Year	Federal Funds	Federal	State	Total
Update	RW	2019	STP	28,000	7,000	35,000

*SR 28, from SR 25 to US 231 (des # 1500155)
HMA Overlay Minor Structural*

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN RR	2019	STP	20,000	5,000	25,000

*SR 38, west bound bridge over Elliott Ditch (des # 1701561)
Bridge Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN	2020	STP	318,329	79,582	397,911

SR 38, east bound bridge over Elliott Ditch (des # 1701562)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN	2020	STP	318,329	79,582	397,911

SR 43, north bound exit/entrance ramps at I-65 (des # 1700188)
Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
Update	PE	2019	STP	32,000	8,000	40,000

SR 43, south bound exit/entrance ramps at I-65 (des # 1700189)
Intersection Improvement

	Phase	Year	Federal Funds	Federal	State	Total
Update	PE	2019	STP	32,000	8,000	40,000

SR 225, bridge over Burnett Creek, 1.95 mi south of SR 43 (des # 1701548)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN	2020	STP	297,180	74,295	371,475

SR 225, bridge over Burnett Creek, 1.24 mi south of SR 43 (des # 1702137)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN	2020	STP	252,634	63,159	315,793

US 231, from 4.19 mi north of I-74 to 2.87 mi north of SR 28 (des # 1700190)
Auxiliary Passing Lanes

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	320,000	80,000	400,000

I-65, CR 725N bridge (des # 1500644)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	---	0	727,000	727,000

I-65, north bound bridge over Prophets Rock Road (des # 1592704)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	---	0	666,000	666,000

I-65, south bound bridge over Prophets Rock Road (des # 1592705)
Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	---	0	666,000	666,000

I-65, north bound bridge over the Wildcat Creek (des # 1800399)
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	NHPP	206,081	51,520	257,601

I-65, south bound bridge over the Wildcat Creek (des # 1800400)
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	NHPP	206,081	51,520	257,601

I-65, north bound bridge over SR 26 (des # 1800401)
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	NHPP	163,147	40,787	203,934

I-65 south bound bridge over SR 26 (des # 1800402)
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	NHPP	163,147	40,787	203,934

I-65, Swisher Road Bridge (des # 1800431)
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	NHPP	180,321	45,080	225,401

The Technical Transportation Committee reviewed the amendment at its May 16, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-07.

TIP Amendment # 28
August 3, 2018

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 18, 2018
Ref. No.: 2018-163

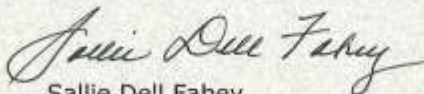
Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On June 14, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-07. The amendment involves modifying various INDOT projects already programmed in the TIP and adding six new ones. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

TIP ADMINISTRATIVE MODIFICATION, AUGUST 3, 2018

Project	Det Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
County Bridge Inspection - 1500252 * Note:										
		2019	Bridge Ins	IN	475,258	-36,277	438,981	109,746	548,727	This is Phase 1.
		2020	Bridge Ins	IN	4,032	36,642	40,674	10,018	50,692	This is Phase 1A.
		2019/2020	Bridge Ins	IN	0	-6,302	6,302	1,575	7,877	This phase is between 1 and 2 a new.
						Total	485,357	121,339	606,696	

*Note, the det number changed from 1382591 to 1500252

TIP Amendment # 29
August 9, 2018

Requested by INDOT

Resolution T-18-08

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract R-40527, Lead Des #1701544</i>						
I-65, des #1701549	2021	NHPP	CN	202,864	22,540	225,404
<i>Contract B-41001, Lead Des #1800418</i>						
SR 25, des #1800439	2019	STP	PE	24,000	6,000	30,000
	2021	STP	CN	85,010	21,252	106,262
SR 25, des #1800440	2021	STP	CN	195,523	48,881	244,404
<i>Contract B-40267, Lead Des #1801298</i>						
SR 25, des #1602069	2020	STP	CN	58,730	14,683	73,413
SR 28, des #1602094	2020	STP	CN	41,926	10,482	52,408
SR 28, des #1801298	2019	STP	PE	88,800	22,200	111,000
	2020	STP	CN	310,093	77,523	387,616
SR 38, des #1601997	2020	STP	CN	133,075	33,269	166,344
SR 38, des #1602057	2020	STP	CN	135,760	33,940	169,700
US 52, des #1601992	2020	STP	CN	37,951	9,488	47,439
US 52, des #1601999	2020	STP	CN	54,036	13,509	67,545
US 52, des #1602042	2020	STP	CN	39,939	9,985	49,924
US 52, des #1801299	2019	STP	PE	9,600	2,400	12,000
	2020	STP	CN	33,826	8,457	42,283
US 231, des #1702078	2020	STP	CN	135,374	33,843	169,217
<i>Contract B-41003, Lead Des #1800452</i>						
SR 38, des #1800452	2021	STP	CN	283,446	70,862	354,308
US 52, des #1800425	2021	STP	CN	204,964	51,241	256,205
US 52, des #1800430	2021	STP	CN	204,964	51,241	256,205
US 231, des #1800432	2021	STP	CN	274,857	68,714	343,571
US 231, des #1800433	2021	STP	CN	274,857	68,714	343,571
I-65, des #1800451	2021	NHPP	CN	274,857	68,714	343,571

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract B-41411, Lead Des #1801304</i>						
SR 38, des #1801353	2019	STP	PE	9,600	2,400	12,000
	2020	STP	CN	50,403	12,601	63,004
US 231, des #1801338	2019	STP	PE	9,600	2,400	12,000
	2020	STP	CN	50,391	12,598	62,989
US 231, des #1801344	2019	STP	PE	9,600	2,400	12,000
	2020	STP	CN	50,403	12,601	63,004

WHEREAS, the Technical Transportation Committee reviewed the requests at its July 18, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 9th of August, 2018.


 Tony Roswarski
 Chairman


 Sallie Dell Fahey
 Secretary

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 10, 2018
Ref. No.: 2018-208

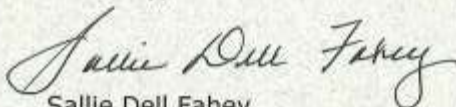
Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On August 9, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-08. The amendment involves modifying various INDOT projects already programmed in the TIP and adding six new ones. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
August 1, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program six new projects and update sixteen projects that are already programmed in the TIP.

All six new projects are bridge related. Three involve removing debris at the US 231 and SR 38 bridges over the Big Wea Creek/Elliott Ditch and the South Fork of the Wildcat Creek. The SR 28 bridge over the Haywood Ditch will receive an overlay and a bridge on the Hoosier Heartland near the county line will receive a thin deck overlay. The eastbound Sagamore Parkway bridge at the Northwestern junction will receive maintenance and repair work. Construction is scheduled in FY 2020 for the US 231, SR 38 and US 52 bridges. The SR 25 bridge project is scheduled for FY 2021.

All the other projects, except for one, are thin deck overlays. On SR 25 the bridges are located at Flint Creek and CR 900E and on SR 28 the bridge is located at the Wea Creek. Three projects are located on SR 38 with two over the NS Railroad (west and east bound bridges) and over the south fork of the Wildcat Creek. On US 52, they are located over the Lauramie Creek, Elliot Ditch, a branch of the Elliott Ditch and the NS Railroad tracks (north and south bound bridges). The three bridges on US 231 are over the Big Wea Creek/Elliott Ditch (north and south bound bridges) and Elston Road. The last project is the McCarty Lane bridge over I-65. Construction for all fifteen projects is planned for either 2020 or 2021.

The final project involves adding the construction phase to 2020 for pipe lining a small structure under I-65, located north of SR 43.

The following tables provide the detailed information for each individual project.

SR 25, 4.01 miles north of SR 28, Flint Creek (des #1602069)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	58,730	14,683	73,413

SR 25, 11.30 miles north of I-65, south bound bridge (des # 1800439)

Lead des #1800418

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	24,000	6,000	30,000
New	CN	2021	STP	85,010	21,252	106,262

SR 25, NB bridge over CR 900N (des # 1800440)

Lead des #1800418

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	195,523	48,881	244,404

SR 28, bridge over Wea Creek (des # 1602094)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	41,926	10,482	52,408

SR 28, bridge over Haywood Ditch (des # 1801298)

Lead des #1801298

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	88,800	22,200	111,000
New	CN	2020	STP	310,093	77,523	387,616

SR 38, 1.37 miles west of I-65, NS Railroad, east bound (des # 1601997)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	133,075	33,269	166,344

SR 38, 1.37 miles west of I-65, NS Railroad, west bound (des # 1602057)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	135,760	33,940	169,700

SR 38, over south fork of Wildcat Creek (des # 1800452)

Lead des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	283,446	70,862	354,308

SR 38, over south fork of the Wildcat Creek (des # 1801353)

Lead des #1801304

Debris Removal

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	9,600	2,400	12,000
New	CN	2020	STP	50,403	12,601	63,004

US 52, 2.33 miles west of SR 28, Lauramie Creek (des # 1601992)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	37,951	9,488	47,439

US 52, 1.20 miles east of SR 25, Elliot Ditch (des # 1601999)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	54,036	13,509	67,545

US 52, 1.02 miles east of SR 25, branch of Elliot Ditch (des # 1602042)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	39,939	9,985	49,924

US 52, east bound lanes over NS Railroad (des # 1800425)

Lead des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	204,964	51,241	256,205

US 52, west bound lanes over NS Railroad (des # 1800430)

Lease des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	204,964	51,241	256,205

US 52, over Sagamore Parkway, east bound (des # 1801299)

Lead des #1801298

Bridge Maintenance and Repair

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	9,600	2,400	12,000
New	CN	2020	STP	33,826	8,457	42,283

US 231 (US 52), Elston Road bridge (des # 1702078)

Lead des #1801298

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	135,374	33,843	169,217

US 231, north bound bridge over Big Wea Creek and Elliot Ditch (des # 1800432)

Lead des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	274,857	68,714	343,571

US 231, south bound bridge over Big Wea Creek and Elliot Ditch (des # 1800433)

Lead des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	STP	274,857	68,714	343,571

US 231, north bound over Big Wea Creek and Elliot Ditch (des # 1801338)

Lead des #1801304

Debris Removal

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	9,600	2,400	12,000
New	CN	2020	STP	50,391	12,598	62,989

US 231, south bound over Big Wea Creek and Elliot Ditch (des # 1801344)

Lead des #1801304

Debris Removal

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	9,600	2,400	12,000
New	CN	2020	STP	50,403	12,601	63,004

I-65, over unnamed ditch/creek (des # 1701549)

Lead des #1701544

Small Structure Pipe Lining

	Phase	Year	Federal Funds	Federal	State	Total
Add	CN	2021	NHPP	202,864	22,540	225,404

I-65, McCarty Lane Bridge (des # 1800451)

Lead des #1800452

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	274,857	68,714	343,571

The Technical Transportation Committee reviewed the amendment at its July 18, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-08.

TIP Amendment # 30
August 10, 2018

Requested by Tippecanoe County

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

August 10, 2018
Ref. No.: 2018-209

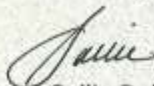
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification reallocates \$159,800 in FY 2019 STBG Federal funds from the construction phase of the Concord Road project, des #1401282, to the construction phase of the River Road at River Bend Hospital project, des #1401047. The attached spreadsheet shows the detailed funding for both projects.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sergeant
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, AUGUST 10, 2018

Project	Dist Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Concord Road	1401282	2019	STBG HSIP HSIP PYB STBG PYB	CN	200,269 555,274 279,362 18,826	159,800 --- --- ---	40,459 555,274 279,362 18,826	10,117 61,497 31,040 4,707	50,584 616,971 310,402 23,533	This modification reallocates a portion of STBG funds to the River Road project. There are no changes in HSIP, HSIP PYB and STBG PYB funds.
					Grand Total		893,931	107,561	1,001,492	
River Road	1401047	2019	STBG	CN	500,000	159,800	659,800	164,950	824,750	The existing \$500,000 are STBG funds from INDOT.

TIP Amendment # 31
November 8, 2018

Requested by INDOT

Resolution T-18-09

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract R-31319, Lead Des #0800132</i>						
US 52, des #0800132	2019	STP	PE	61,720	15,430	77,150
	2019	STP	RW	2,175,401	543,850	2,719,251
	2019	STP	CN	5,979,211	1,494,803	7,474,014
US 52, des #1172176	2019	STP	CN	538,166	134,541	672,707
US 52, des #1500277	2019	STP	CN	1,143,573	285,893	1,429,466
<i>Contract B-37782, Lead Des #1400217</i>						
US 231, Des #1400217	2019	STP	RW	9,228	2,307	11,535
	2019	STP	CN	1,582,991	395,748	1,978,739
<i>Contract B-38772, Lead Des #1592968</i>						
SR 28, des #1592968	2019	STP	PE	1,200,000	300,000	1,500,000
	2019	STP	RW	280,000	70,000	350,000
	2020	STP	CN	11,192,782	2,798,196	13,990,978
SR 28, des #1500155	2020	STP	CN	3,495,471	873,868	4,369,339
SR 25, des #1500120	2019	STP	PE	37,164	9,291	46,455
	2020	STP	CN	531,632	132,908	664,540
<i>Contract B-40942, Lead Des #1800417</i>						
I-65, des #1800399	2021	NHPP	CN	233,750	25,972	259,722
I-65, des #1800400	2021	NHPP	CN	233,750	25,972	259,722
I-65, des #1800401	2021	NHPP	CN	185,052	20,561	205,613
I-65, des #1800402	2021	NHPP	CN	185,052	20,561	205,613
I-65, des #1800431	2021	NHPP	CN	204,531	22,726	227,257
<i>Contract B-41584, Lead Des #1800130</i>						
SR 26, des #1800130	2020	STP	PE	81,418	20,355	101,773
<i>Contract B-41585, Lead Des #1800076</i>						
SR 43, des #1800076	2019	STP	PE	90,432	22,608	113,040
	2020	STP	CN	899,731	224,933	1,124,664
SR 225, des #1800149	2019	STP	PE	43,423	10,856	54,279
	2020	STP	CN	143,079	35,770	178,849

WHEREAS, the Technical Transportation Committee reviewed the requests at its October 17, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 8th of November, 2018.



Tony Roswarski
Chairman



Sallie Dell Fahey
Secretary

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

November 26, 2018
Ref. No.: 2018-324

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On November 8, 2018, the Policy Board amended the FY 2018-2021 TIP by Resolution T-18-09. The amendment involves modifying various INDOT projects already programmed in the TIP and adding three new ones. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,


Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
October 31, 2018**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program three new projects and update various projects currently programmed in the TIP.

The three new projects involve replacing bridges and a small structure. On SR 26, the bridge is just east of County Line Road and on SR 43 the bridge is over the Walter Ditch. The small structure under SR 225 is located just north of Old SR 25. This amendment programs Federal funding for preliminary engineering for all three projects and construction on the SR 43 and SR 225 projects. Construction is scheduled for FY 2020.

Three of the projects being updated in this amendment involve the reconstruction of US 52 or Teal Road. Additional funding is being programmed for all three phases. Costs for the last two phases increased by over two million dollars each. Construction costs for the signal modernization and South 4th Street intersection improvements also increased. The signal project increased by more than \$40,000 and the intersection improvement by more than \$600,000. Construction is still anticipated to be this fiscal year.

Two projects are located on SR 28 with the one between US 231 and US 52 (road rehabilitation) and the other between SR 25 and US 231 (HMA Overlay). Additional funding is being programmed for all three phases for the project east of US 231. The estimated cost for right-of-way increased by \$250,000 and construction costs increased by more than \$1,275,000. Interestingly, the estimated cost for constructing the project west of US 231 has decreased by more than \$400,000.

The TIP currently shows INDOT replacing a small structure on SR 25 at the Wallace Ditch. Federal funds are being requested for preliminary engineering. Construction costs have been reduced and this amendment will reflect the new amount. Construction is anticipated in FY 2020.

The last five projects in this request are all on I-65 and involve bridge painting. Costs for all five projects have slightly increased and construction is still targeted for FY 2021.

The following tables provide the detailed information for each individual project.

*SR 25, 1.51 miles south of SR 28 west junction, Wallace Ditch (des #1500120)
Lead des # 1592968, Contract # RS-38772
Small Structure Replacement*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	37,164	9,291	46,455
Update	CN	2020	STP	531,632	132,908	664,540

SR 26, 8.70 miles east of SR 55 (des # 1800130)
Lead des # 1800130, Contract # B-41584
Bridge Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2020	STP	81,418	20,355	101,773

SR 28, from US 231 to US 52 west junction (des # 1592968)
Lead des # 1592968, Contract # RS-38772
Road Rehabilitation

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	1,200,000	300,000	1,500,000
Update	RW	2019	STP	280,000	70,000	350,000
Update	CN	2020	STP	11,192,782	2,798,196	13,990,978

SR 28, from SR 25 to US 231 (des # 1500155)
Lead des # 1592968, Contract # RS-38772
HMA Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2020	STP	3,495,471	873,868	4,369,339

SR 43, bridge over Walter Ditch, 1.53 miles north of SR 225 (des # 1800076)
Lead des # 1800076, Contract # B-41585
Bridge Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	90,432	22,608	113,040
New	CN	2020	STP	899,731	224,933	1,124,664

US 52, from 0.21 miles east to 3.21 miles east of US 231 (des # 0800132)
Lead des # 0800132, Contract # R-31319
Road Reconstruction

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	61,720	15,430	77,150
Update	RW	2019	STP	2,175,401	543,850	2,719,251
Update	CN	2019	STP	5,979,211	1,494,803	7,474,014

US 52, at 9th Street, at 18th Street, at 26th Street, at Elston Road, and Old US 231/Carter Lumber (des # 1172176)
Lead des # 0800132, Contract # R-31319
Traffic Signal Modernization

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	538,166	134,541	672,707

US 52, at 4th Street/Poland Hill Road Intersection (des # 1500277)
Lead des # 0800132, Contract # R-31319
Intersection Improvement with New Signal

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	1,143,573	285,893	1,429,466

SR 225, 0.10 miles north of SR 25 (des # 1800149)
Lead des # 1800076, Contract # B-41585
Small Structure Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	43,423	10,856	54,279
New	CN	2020	STP	143,079	35,770	178,849

US 231, 0.97 miles north of SR 28 (des # 1400217)
Lead des # 1400217, Contract # B-37782
Bridge Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	RW	2019	STP	9,228	2,307	11,535
Update	CN	2019	STP	1,582,991	395,748	1,978,739

I-65, over Wildcat Creek, 1.04 miles east of SR 25 (des # 1800399)
Lead des # 1800417, Contract # B-40942
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	233,750	25,972	259,722

I-65, SBL over Wildcat Creek, 1.04 miles south of SR 25 (des # 1800400)
Lead des # 1800417, Contract # B-40942
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	233,750	25,972	259,722

I-65, North bound bridge over SR 26, 3.04 miles south of SR 25 (des # 1800401)
Lead des # 1800417, Contract # B-40942
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	185,052	20,561	205,613

I-65, South bound bridge over SR 26, 3.04 miles south of SR 25 (des # 1800402)
Lead des # 1800417, Contract # B-40942
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	185,052	20,561	205,613

I-65, Swisher Road at I-65, 0.92 miles south of SR 43 (des # 1800431)
Lead des # 1800417, Contract # B-40942
Bridge Painting

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2021	NHPP	204,531	22,726	227,257

The Technical Transportation Committee reviewed the amendment at its October 17, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-18-09.

TIP Amendment # 32
January 10, 2019

Requested by the City of West Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 10, 2019
Ref. No.: 2019-003

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP for the Cherry Lane Extension project, des #1401290. This modification moves \$25,546 in STBG funds that have been allocated for construction to preliminary engineering. The PE funds will be used for USFWS bat mitigation.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Ed Garrison
Justin Sargent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JANUARY 10, 2019

Project	Dis. Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Cherry Lane Extension	1401290									
		2019	ST&G	PE	0	25,546	25,546	6,387	31,933	This modification moves a portion of ST&G funds from the construction phase to the right-of-way phase of the Cherry Lane Extension project. The move is needed for USFWS bat mitigation.
		2019	ST&G	CH	2,338,368	25,546	2,312,822	---	---	

TIP Amendment # 33
January 11, 2019

Requested by INDOT

Resolution T-19-01

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and


WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract R-41836, Lead Des #1802820</i>						
SR 26, Des #1802820	2019	STP	PE	40,000	10,000	50,000
	2020	STP	CN	184,000	46,000	230,000
<i>Contract R-41834, Lead Des #1802807</i>						
US 231, Des #1802807	2019	STP	PE	40,000	10,000	50,000
	2020	STP	CN	139,200	34,800	174,000
<i>Contract R-41835, Lead Des #1802809</i>						
US 231, Des #1802809	2019	STP	PE	40,000	10,000	50,000
	2020	STP	CN	139,200	34,800	174,000
<i>Contract RS-39271, Lead Des #1500154</i>						
SR 43, Des #1592686	2019	NHPP	CN	1,260,777	140,086	1,400,863
I-65, Des #1500154	2019	NHPP	CN	9,328,164	1,036,463	10,364,627
I-65, Des #1592725	2019	NHPP	CN	1,634,335	181,593	1,815,928
I-65, Des #1592726	2019	NHPP	CN	588,615	65,402	654,017
<i>Contract R-41233, Lead Des #1800573</i>						
I-65, Des #1800572	2019	NHPP	PE	180,000	20,000	200,000
	2020	NHPP	CN	1,967,861	218,651	2,186,512
<i>Contract B-41693, Lead Des #1801791</i>						
Various, Des #1801791	2019	STP	CN	800,000	200,000	1,000,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its December 19, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 10th of January 2019.


Tony Roswarski
Chairman


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
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www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 11, 2019
Ref. No.: 2019-007

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On January 10, 2019, the Policy Board amended the FY 2018-2021 TIP by Resolution T-19-01. The amendment involves modifying various INDOT projects already programmed in the TIP and adding five new ones. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
January 2, 2019**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program five new projects and update four projects currently programmed in the TIP.

The five new projects involve installing new traffic signals, a road reconstruction project and a district wide bridge maintenance project. The three new traffic signals are located at the intersections of SR 26 and CR 900E and on US 231 at the SR 28 and CR 800S intersections. Construction for the three new signals will be in FY 2020. The road reconstruction project is located on I-65 and construction is also anticipated in FY 2020. Finally, the district-wide bridge maintenance project will be occurring at various locations and construction is targeted for this fiscal year.

The four projects being updated are located on SR 43 and I-65. The construction phase is being added to the SR 43 overlay project and it will be later this fiscal year. Project costs on the three I-65 projects are being significantly reduced on the overlay and southbound bridge overlay projects and significantly increased on the northbound bridge overlay project.

The following tables provide the detailed information for each individual project.

*SR 26, at CR 900E, 4.71 miles east of I-65 (des #1802820)
Contract # R-41836
New Signal Installation*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	40,000	10,000	50,000
New	CN	2020	STP	184,000	46,000	230,000

*SR 43, from 0.43 miles north of SR 225 to 0.61 miles south of south junction of SR 18
(des # 1592686)
Lead des # 1500154, Contract # RS-39271
HMA Overlay, Preventive Maintenance*

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	NHPP	1,260,777	140,086	1,400,863

*US 231, at SR 28 intersection (des # 1802807)
Contract # R-41834
New Signal Installation*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	40,000	10,000	50,000
New	CN	2020	STP	139,200	34,800	174,000

US 231, at CR 800S, 2.95 miles north of SR 28 (des # 1802809)
 Contract # R-41835
 New Signal Installation

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	40,000	10,000	50,000
New	CN	2020	STP	139,200	34,800	174,000

I-65, from 2.43 miles north of SR 43 to US 231 (des # 1500154)
 Lead des # 1500154, Contract # RS-39271
 HMA Overlay, Preventive Maintenance

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	NHPP	9,328,164	1,036,463	10,364,627

I-65, NB bridge over Burnett Creek / 9th Street / CSX RR, 0.58 miles south of SR 43
 (des # 1592725)
 Lead des # 1500154, Contract # R-39271
 Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	NHPP	1,634,335	181,593	1,815,928

I-65, SB bridge over Burnett Creek / 9th Street / CSX RR, 0.58 miles south of SR 43
 (des # 1592726)
 Lead des # 1500154, Contract # R-39271
 Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
Update	CN	2019	STP	588,615	65,402	654,017

I-65, from 1.5 miles south of SR 47 to US 24/US 231 (des # 1800572)
 Lead des # 1800573, Contract # R-41233
 ITS Traffic Management System

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	NHPP	180,000	20,000	200,000
New	CN	2020	NHPP	1,967,861	218,651	2,186,512

Various Locations, throughout Crawfordsville District (des # 1801791)
 Contract # B-41693
 District Wide Bridge Maintenance

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2019	STP	800,000	200,000	1,000,000

The Technical Transportation Committee reviewed the amendment at its December 19, 2018 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-19-01.

TIP Amendment # 34
January 24, 2019

Requested by the City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 24, 2019
Ref. No.: 2019-019

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by reallocating \$49,000 in FY 2019 STBG PYB funds from the right-of-way phase of the Twyckenham Boulevard project, des #1401285, to the preliminary engineering phase of the Park East Boulevard project, des #1700405.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jeromy Grenard
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JANUARY 24, 2019

Project	Dis. Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Treyckenham Boulevard	1401286	2019	STBG FYB	RW	200,000	49,000	151,000	37,750	188,750	This modification moves a portion of STBG FYB funds from the Treyckenham project to the Park East Boulevard project.
Park East Boulevard	1700405	2019	STBG FYB	FE	202,500	49,000	251,500	62,875	314,375	

TIP Amendment # 35
January 25, 2019

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 25, 2019
Ref. No.: 2019-020

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by reallocating \$218,283 in FY 2019 STBG funds and \$12,193 in FY 2019 STBG PYB funds from the Yeager Road project, des #1401281. A portion of the funds, \$40,800 in STBG funds, will be used for a change order for the North River Road at River Bend project, des #1401047. The balance, \$177,483 in STBG and \$12,193 in STBG PYB, will be for the construction of Klondike Road, des #1173626. The additional funds increase the federal portion bringing it closer to the 80/20 percentage split.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sergent
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, JANUARY 25, 2019

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
<u>Yonker Road</u>	<u>1401281</u>									
		2019	ST&G	RW	218,283	218,283	0	0	0	This modification removes FY '19 federal funds for RW. Funding for RW will occur in FY '20. This information is in the draft FY '20 TIP.
			ST&G PYS	RW	12,193	12,193	0	0	0	
<u>Silver Road at River Bend</u>	<u>1401047</u>									
		2019	ST&G	CN	159,800	40,800	200,600	50,150	250,750	The additional funding is for a change order. Total change order cost is \$51,000.
<u>Klondike Road</u>	<u>1175626</u>									
		2019	ST&G	CN	0	177,483	177,483	44,371	221,854	The balance of federal funds is being allocated to the construction of Klondike Road. The CN phase was originally not funded as an 80/20 split.
			ST&G PYS	CN	0	12,193	12,193	3,048	15,241	

TIP Amendment # 36
February 14, 2019

Requested by the City of Lafayette

Resolution T-19-02

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

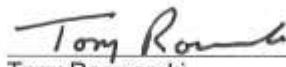
WHEREAS, the City of Lafayette requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	Local Share	Total Cost
Concord Road, Trail Lighting	2019	STBG	PE	55,000	13,750	68,750

WHEREAS, the Technical Transportation Committee reviewed the requests at its January 16, 2019 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of February, 2019.


Tony Roswarski
President


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 15, 2019
Ref. No.: 2019-028

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

On February 14, 2019, the Policy Board amended the FY 2018-2021 TIP by Resolution T-19-02. The amendment programs a trail lighting project along Concord Road and the des number is 1900477. STBG Federal funds in the amount of \$55,000 have been programmed and will be used for preliminary engineering. The total cost is \$68,750 and the local match is \$13,750.

Enclosed you will find a copy of the resolution and staff report. The TIP document will be updated and then placed on the APC web page: ww.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Jeromy Grenard, City of Lafayette
Carla Sheets, INDOT
Stephanie Vermillion, INDOT
Justin Sergent, INDOT

**FY 2018-2021 TIP Amendment
City of Lafayette**

**Staff Report
February 6, 2019**

BACKGROUND AND REQUEST:

The City of Lafayette is requesting \$55,000 in residual STBG funds for a new project on Concord Road. The project involves installing lighting along the trail from Maple Point Drive to Veterans Memorial Parkway. The federal funds will be used for preliminary engineering and the total engineering cost is \$68,750.

The project was identified as a priority by the City's newly formed Bicycle and Pedestrian Citizen Advisory Committee.

Originally this request included the installation of a Hawk signal on 18th Street at the Linear Trail. Due to close proximity of the Norfolk Southern railroad tracks, railroad coordination would probably be needed and this would increase the cost substantially. Thus, this project was removed.

The Technical Transportation Committee reviewed the amendment at its January 16, 2019 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-19-02.

TIP Amendment # 37
February 21, 2019

Requested by the Tippecanoe County

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 21, 2019
Ref. No.: 2019-032

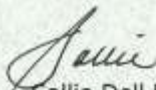
Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by allocating \$4,999 in unassigned Transportation Alternative funds to the Klondike Road project, CN phase, des #1173636. I am also reallocating \$189,513 in FY 2019 STBG funds from the Cherry Lane Extension project, CN phase, des #1401290. A portion of the funds, \$131,400, is reallocated to the River Road at River Bend Hospital project, CN phase, des #1401047, and the balance, \$58,113, to the Klondike Road project, CN phase, des #1173636. The funds are programmed in the construction phase of all three projects and the additional funds for the River Road at River Bend Hospital and Klondike Road projects brings the federal local aid split up to 80/20 percentage. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sergeant
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 21, 2019

Project	Dis. Number	Year	Federal Funding	Fence	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Cherry Lane Extension	1401290	2019	STBG	CN	2,312,822	189,513	2,123,309	330,827	2,454,136	This modification removes a portion of STBG funds to be used for River Road and Klondike Road. There is residual federal funds due to very favorable construction bids.
River Road at River Bend	1401047	2019	STBG	CN	200,600	131,400	332,000	83,000	415,000	This modification adds 131,400 in STBG funds. The additional federal funds brings the River Road project up to the 80/20 federal local split. The additional STBG funds are from the Cherry Lane Extension project.
Klondike Road	1173626	2019	TA STBG STBG FYE	CN CN CN	0 177,483 12,193	4,999 58,113 0	4,999 235,596 12,193	1,250 58,899 3,048	6,249 294,495 13,241	This modification adds \$8,173 in TA and STBG funds. The additional federal funds brings the Klondike Road project up to the 80/20 federal local split. The TA funds are residual funds that have not yet been allocated to a project and the additional STBG funds are from the Cherry Lane Extension project.
					Total		252,788			

TIP Amendment # 38
February 25, 2019

Requested by the City of Lafayette

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

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(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

February 25, 2019
Ref. No.: 2019-037

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by allocating \$85,386 in STBG funds from the Cherry Lane Extension project, CN phase, des #1401290 to the Park East Boulevard project, PE phase, des #1700405. The additional funds bring the federal local aid split up to the 80/20 percentage. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jeromy Grenard
Justin Sargent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, FEBRUARY 25, 2019

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Change	After Federal Share	After Local Share	After Total Cost	Notes
Cherry Lane Extension	1401290	2019	STBG	CN	2,123,309	85,386	2,037,923	509,481	2,547,404	This modification removes a portion of STBG funds to be used for the Park East project. There is residual federal funds due to very favorable construction bids.
Park East Boulevard	1700405	2019	STBG	PE	0	85,386	85,386	21,347	106,733	This modification adds 85,386 in STBG funds. The additional federal funds brings the project up to the 80/20 federal local split.
			STBG FYB	PE	251,500	0	251,500	62,875	314,375	
						Total	336,886	84,222	421,108	

TIP Amendment # 39
March 14, 2019

Requested by INDOT

Resolution T-19-04

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Des #1802826</i>						
<i>Statewide On-Call</i>	2020	STP	PE	1,680,000	420,000	2,100,000
<i>Consultant Review</i>	2021	STP	PE	1,680,000	420,000	2,100,000
	2022	STP	PE	1,680,000	420,000	2,100,000
	2023	SPT	PE	1,680,000	420,000	2,100,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its February 20, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 14th of March, 2019.


Tony Roswarski
Chairman


Sallie Dell Fahey
Secretary

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
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(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 18, 2019
Ref. No.: 2019-057

Marcy Walden, Program Funds Manager
INDOT Crawfordsville District Office
41 W 300 North
Crawfordsville, IN 47933

Dear Ms. Walden:

On March 14, 2019, the Policy Board amended the FY 2018-2021 TIP by Resolution T-19-04. The amendment adds a statewide on-call consultant review project. Details are described in the attached staff report and resolution.

The document will be updated and then placed on the APC web page: www.tippecanoe.in.gov/APC. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Stephani Vermillion, INDOT Central Office
Susie Kemp, INDOT Crawfordsville Office

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
March 6, 2019**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program a new statewide on-call consultant review project. Funding is being programmed for FY 2020, 2021, 2022 and 2023. INDOT anticipates using STP Federal funds in the amount of \$6,720,000 and the state match is \$1,680,000. Total cost each year is \$2,100,000.

The following table provides the detailed information.

*Statewide Project, des #1802826
On-Call Consultant Review*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2020	STP	1,680,000	420,000	2,100,000
New	PE	2021	STP	1,680,000	420,000	2,100,000
New	PE	2022	STP	1,680,000	420,000	2,100,000
New	PE	2023	STP	1,680,000	420,000	2,100,000

The Technical Transportation Committee reviewed the amendment at its February 20, 2019 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T-19-04.

TIP Amendment # 40
March 18, 2019

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
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SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

March 18, 2019
Ref. No.: 2019-060

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by adding \$110,593 in unallocated HSIP funds to the McCutcheon Pedestrian Safety project, des #1601028. The additional funds are needed for engineering due to extending the sidewalk and for right-of-way services. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sergent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, MARCH 18, 2019

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
McClellan Rail Station	1601008	2019	HSP	FE	0	100,593	100,593	11,177	111,770	This modification adds additional federal funds due to an increase in project scope and for A/V services.

TIP Amendment # 41
April 4, 2019

Requested by Tippecanoe County

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 4, 2019
Ref. No.: 2019-082

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by adding \$160 in unallocated STBG funds to the River Road at River Bend Hospital project, des #1401047. The additional funds are needed for a change order. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sargent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, APRIL 4, 2019

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
River Road	1401047	2019	STBG	ON	332,000	160	332,160	83,040	415,200	This modification adds unallocated federal funds for a charge order.

TIP Amendment # 42
April 11, 2019

Requested by INDOT

Resolution T 2019-06

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract # R-41617, Des #1800215</i>						
SR 26	2019	STP	PE	123,277	30,819	154,096
<i>Contract # R-41942, Des # 1900494</i>						
SR 38	2021	HSIP	CN	374,400	41,600	416,000
<i>Des #1900666</i>						
US 52	2019	STP	PE	40,000	10,000	50,000
<i>Contract # B-39365, Des # 1593270</i>						
SR 225	2019	STP	PE	71,280	17,820	89,100
<i>Des # 1900647</i>						
I-65	2019	NHPP	PE	347,233	38,581	385,814
<i>Des # 1900664</i>						
I-65	2019	NHPP	PE	45,000	5,000	50,000
	2021	NHPP	CN	198,000	22,000	220,000
<i>Des # 1900665</i>						
I-65	2019	NHPP	PE	45,000	5,000	50,000
	2021	NHPP	CN	198,000	22,000	220,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its March 20, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of April, 2019.


Tony Roswarski
Chairman


Sallie Dell Fahey
Secretary

Resolution T 2019-06

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed that includes all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Indiana Department of Transportation requested changes to the FY 2018-2021 Transportation Improvement Program as follows:

Project	Year	Federal Funding	Phase	Federal Share	State/Local Share	Total Cost
<i>Contract # R-41617, Des #1800215</i>						
SR 26	2019	STP	PE	123,277	30,819	154,096
<i>Contract # R-41942, Des # 1900494</i>						
SR 38	2021	HSIP	CN	374,400	41,600	416,000
<i>Des #1900666</i>						
US 52	2019	STP	PE	40,000	10,000	50,000
<i>Contract # B-39365, Des # 1593270</i>						
SR 225	2019	STP	PE	71,280	17,820	89,100
<i>Des # 1900647</i>						
I-65	2019	NHPP	PE	347,233	38,581	385,814
<i>Des # 1900664</i>						
I-65	2019	NHPP	PE	45,000	5,000	50,000
	2021	NHPP	CN	198,000	22,000	220,000
<i>Des # 1900665</i>						
I-65	2019	NHPP	PE	45,000	5,000	50,000
	2021	NHPP	CN	198,000	22,000	220,000

WHEREAS, the Technical Transportation Committee reviewed the requests at its March 20, 2018 meeting and recommended their inclusion in the FY 2018-2021 Transportation Improvement Program.

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt these amendments to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 11th of April, 2019.


Tony Roswarski
Chairman


Sallie Dell Fahey
Secretary

**FY 2018-2021 TIP Amendment
Indiana Department of Transportation**

**Staff Report
April 3, 2019**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to program seven new projects in the TIP and they vary in scopes. Four of them involve bridges with two located on I-65, one on US 52 and the other on SR 225. The projects on I-65 and SR 225 are bridge maintenance and repair projects while the one on US 52 is a thin deck overlay project. One project is a new traffic signal at SR 26 and CR 900E and it is different than the one that's currently programmed in the TIP. The concrete ramps will be restored at the I-65 and SR 38 interchange and INDOT will construct ADA approved sidewalk ramps both west and east of the interstate.

INDOT is programming preliminary engineering in 2019 for six of the projects and intends to use federal funds for all of them. Construction is programed for two of the interstate bridge maintenance projects and the ADA ramp project. The construction dates for the other four projects are FY 2022 or 2023 and will be programmed in the draft FY 2020-2024 TIP.

The following tables provide the detailed information for each individual project.

SR 26, at CR 900E, 4.71 miles east of I-65 (des #1800215)

Contract # R-41617

New Signal Installation

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	123,277	30,819	154,096

SR 38, from 3.85 miles west of I-65 to 0.94 miles east of I-65 (des # 1900494)

Contract # R-41942

Construct ADA Approved Sidewalk Ramps

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2021	HSIP	374,400	41,600	416,000

US 52, 0.08 miles south of SR 26 (des # 1900666)

Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	40,000	10,000	50,000

SR 225, 0.6 miles north of Old SR 25 (des # 1593270)

Contract # B-39365

Bridge Maintenance and Repair

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	STP	71,280	17,820	89,100

I-65, At SR 38 interchange (des # 1900647)

Concrete Pavement Restoration

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	NHPP	347,233	38,581	385,814

I-65, North bound bridge over CSX, N 9th Street and Burnett Creek (des # 1900664)

Bridge Maintenance and Repair

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	NHPP	45,000	5,000	50,000
New	CN	2021	NHPP	198,000	22,000	220,000

I-65, South bound bridge CSX, N 9th Street and Burnett Creek (des # 1900665)

Bridge Maintenance and Repair

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2019	NHPP	45,000	15,000	50,000
New	CN	2021	NHPP	198,000	22,000	220,000

The Technical Transportation Committee reviewed the amendment at its March 20, 2019 meeting and recommended approval.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T 2019-06.

TIP Amendment # 43
April 22, 2019

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 22, 2019
Ref. No.: 2019-100

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. The additional funds will be used for Klondike Road's, des #1173626, change orders. The total additional amount of funds added is \$151,843.

First, I am flexing the residual unallocated balance of HSIP funds, \$77,862, to STBG funds. The balance needed for the change orders, \$73,981, will come from the balance of HSIP PYB funds programmed for the construction phase of the Concord Road at CR 430S project, des #1401282. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sargent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, APRIL 22, 2019

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Klendike Road	1173426									
		2019	ST&G HSP FYB	CH CH	235,596 0	77,862 73,981	313,458 73,981	78,363 18,495	391,823 92,476	This modification adds federal funds for three change orders. Part of the additional funds are unallocated HSP funds that we are flexing to be ST&G funds. The balance comes from HSP FYB funds.
					Total	751,843				
Compass Rd at CR 4305	1401382									
		2019	HSP FYB	CH	279,362	73,981	205,381	22,820	228,201	This part of the modification reallocates nearly all of the residual FYB funds to the Klendike Road project.

TIP Amendment # 44
April 24, 2019

Requested by City of Lafayette

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 24, 2019
Ref. No.: 2019-101

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by adding \$37,400 in STBG funds to the Concord Road Trail lighting project, des #1900477. The STBG funds are coming from the construction phase of the Cherry Lane Extension project, des #1401290. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Jeromy Grenard
Justin Sergent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, APRIL 24, 2019

Project	Dev Number	Year	Federal Funding	Phase	Before Federal Share	Chavans	After Federal Share	After Local Share	After Total Cost	Notes
Convent Rd final Utilities	1500477	2019	STBG	FE	55,000	37,400	92,400	23,100	115,500	This modification adds federal funds due to a larger than anticipated FE contract.
Cherry Lane Extension	1401290	2019	STBG	CN	2,037,923	37,400	2,000,523	222,280	2,222,803	This part of the modification reallocates a portion of the STBG funds.

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 26, 2019
Ref. No.: 2019-106

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

This letter follows up an email exchange yesterday morning regarding the April 22nd TIP modification for the Klondike Road project, des #1173626. The modification allocated two types of federal funds for three change orders. This letter clarifies the flexing of both funds. One amount, \$77,862, was originally unallocated HSIP funds and the modification flexed them to STBG funds. The other amount, \$73,981, is HSIP PYB funds. We are requesting these funds be flexed to STBG PYB funds.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sargent
Carla Sheets
Stephani Vermillion

TIP Amendment # 45
April 26, 2019

Requested by Evansville MPO

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 26, 2019
Ref. No.: 2019-107

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification involves the trade of \$616,478 in FY 2019 federal funds with the Evansville MPO to be repaid in FY 2025. The first attachment is the signed memorandum of understanding and the second is the spreadsheet showing where our local federal funds will be coming from.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stephani Vermillion
Justin Sargent
Carla Sheets

**Memorandum of Understanding
between the
Area Plan Commission of Tippecanoe County
and the
Evansville Metropolitan Planning Organization**

This Memorandum of Understanding records agreement between the *Area Plan Commission of Tippecanoe County (APCTC)* and the *Evansville Metropolitan Planning Organization (EMPO)* regarding a loan of Indiana SFY 2019 sub-allocated funds. Based upon current project schedules and estimates, EMPO needs an additional \$616,477.21 in SFY 2019 to finance projects. APCTC agrees to lend EMPO this amount using SFY 2019 funding. EMPO agrees to repay this loan with SFY 2025 funding. The table below records these transactions.

Note, this agreement involves transfer of budget in INDOT's Summary of Allocation program management accounts; there are no actual monetary transactions.

Fiscal Year	MPO	Amount
SFY 2019	APCTC	(\$616,477.21)
	EMPO	\$616,477.21
		\$0.00
SFY 2025	APCTC	\$616,477.21
	EMPO	(\$616,477.21)
		\$0.00

Sallie Dell Fahey, Executive Director
Area Plan Commission of Tippecanoe County



Date 4.25.19

Seyed Shokouhzadeh, Executive Director
Evansville Metropolitan Planning Organization



Date 4/25/19

TIP ADMINISTRATIVE MODIFICATION, APRIL 26, 2019

Project	Des Number	Year	Federal Funding	Phase	Before Federal Share	Charges	After Federal Share	After Local Share	After Total Cost	Notes
Evansville MPO										
		2019	HSP PYB	---	0	1,904	1,904	476	2,380	This modification addresses the trade in federal funds with the Evansville MPO. The trade includes all of the remaining FY 2019 PYB funds plus STBG funds.
		2019	STBG PYB	---	0	425,521	425,521	106,380	531,901	
		2019	STBG	---	0	189,053				
					Total	616,478				
Concord Rd at CR 4305 1401282										
		2019	HSP PYB	CN	205,381	1,904	203,477	22,609	226,086	This part of the modification reallocates the remaining balance of HSP PYB funds allocated to the Concord Road project.
Concord Rd at CR 4305 1401282										
		2019	STBG PYB	CN	18,826	18,826	0	0	0	This part of the modification reallocates the STBG PYB funds that were allocated to the Concord Road project.
Concord Rd at CR 4305 1401282										
		2019	STBG	CN	40,469	40,469	0	0	0	This part of the modification reallocates part of the STBG funds that were allocated to the Concord Road project.
Happy Hollow Nthol Trail 1401288										
		2019	STBG PYB	CN	734,513	406,695	327,818	36,424	364,242	This part of the modification reallocates the remaining balance of STBG PYB funds allocated to the Happy Hollow project.
Residual STBG funds										
		2019	STBG	---	26,771	26,771	0	0	0	This part of the modification reallocates the residual balance of STBG funds.
Cherry Lane Extension 1401290										
		2019	STBG	CN	2,037,923	121,813	1,916,110	212,901	2,129,011	This part of the modification reallocates a portion of the STBG funds from the Cherry Lane Extension project.

Amounts Traded by Project			
2019	HSP PYB	1,904	
2019	STBG PYB	18,826	
2019	STBG	40,469	
2019	STBG PYB	406,695	
2019	STBG	26,771	
2019	STBG	121,813	
	Total	616,478	

TIP Amendment # 46
April 30, 2019

Requested by Tippecanoe County

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

April 30, 2019
Ref. No.: 2019-109

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2018-2021 TIP by adding \$43,760 in STBG funds to the preliminary engineering phase of the Yeager Road project, des #1401281. The funds are coming from the construction phase of the Cherry Lane Extension project, des #1401290. The attached spreadsheet shows the details.

Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

Attachment

cc: Stu Kline
Justin Sargent
Carla Sheets
Stephani Vermillion

TIP ADMINISTRATIVE MODIFICATION, APRIL 30, 2019

Project	Doc Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Yeager Road	1401281	2019	ST&G	PE	0	43,760	43,760	10,940	54,700	This modification adds federal funds for the first supplement.
Cherry Lane Extension	1401290	2019	ST&G	CN	1,878,710	43,760	1,834,950	203,883	2,038,833	This part of the modification reallocates a portion of the ST&G funds to the Yeager Road project.

TIP Amendment # 47
June 13, 2019

Requested by CityBus

Resolution T 2019-08

RESOLUTION TO AMEND THE
FY 2018-2021 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Area Plan Commission of Tippecanoe County has been designated the Metropolitan Planning Organization by the Governor, and

WHEREAS, it is required that a Transportation Improvement Program be developed and include all local and state transportation projects for which US Department of Transportation funds are being requested, and

WHEREAS, the Greater Lafayette Public Transportation Corporation (CityBus) has requested changes to the FY 2018-2021 Transportation Improvement Program as follows:


Projects	Federal Fund	Federal Share	Local Share	Total Cost
Bus Replacement	5339	440,000	110,000	550,000
Bus Equipment	5339	75,241	18,810	94,051
Route Operating Service	5310	25,000	32,929	57,929
Travel Training	5310	52,038	13,010	65,048
Paratransit Buses	5310	133,260	33,315	166,575

WHEREAS, the Greater Lafayette Public Transportation Corporation Board of Directors reviewed and approved the new and revised transit projects at its May 22, 2019 meeting and,

WHEREAS, the Technical Transportation Committee reviewed the request at its May 15, 2019 meeting and recommended its inclusion in the FY 2018-2021 Transportation Improvement Program, and

NOW THEREFORE BE IT RESOLVED that the Policy Board of the Metropolitan Planning Organization does hereby adopt this amendment to the FY 2018-2021 Transportation Improvement Program for the MPO Planning Area.

ADOPTED on Thursday the 13th of June, 2019.


John Dennis
Vice President


Sallie Dell Fahey
Secretary

THE *Area Plan Commission*
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 14, 2019
Ref. No.: 2019-145

Larry Buckel, Transit Office Manager
INDOT Room N955-Transit
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

On June 13, 2019, the Policy Board amended the FY 2018-2021 TIP by Resolution T 2019-08. The amendment programs five Section 5339 and 5310 projects. While the projects are programmed in the FY 2020-2024 TIP, we decided to amend them into the current TIP due to the uncertainty when the new TIP and STIP will be approved.

The TIP document will be updated and then placed on the APC web page. We will notify you when this occurs. Please call if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

cc: Marty Sennett, General Manager
Susie Kemp, INDOT Crawfordsville Office
Carla Sheets, INDOT Crawfordsville Office

BACKGROUND AND REQUEST:

CityBus requests this TIP amendment to program Section 5339 and 5310 funds. On May 5, 2019, INDOT awarded CityBus \$515,241 in Section 5339 funds and \$210,298 in Section 5310 funds. While Section 5339 funds are limited to purchasing capital items only, Section 5310 funds can be used for either operations or capital purchases. The restriction though is that they must be used to meet the needs of older adults or people with disabilities. The following describes each project and funding amount:

Section 5339 funds:

- **Bus Replacement, \$550,000 total cost**
40-Foot Heavy Duty Transit Bus, Compressed Natural Gas (CNG) Propulsion; including vehicle security cameras; farebox, and APC/Ranger equipment. The bus to be replaced, number 1804, a 2010 Gillig (VIN# 15GGD3011A1179165), is currently nine years old with 401,022 lifetime miles. At the time of replacement, it will be past FTA useful life by age and mileage. It is used in daily fixed route service; replacing the bus is essential to maintaining current service levels.
- **Bus Equipment, \$94,051 total cost**
Bus equipment: including vehicle security cameras, WiFi devices, and APC/Ranger equipment. Ranger 4.4, in-vehicle mobile data terminals for use with intelligent transportation system (CAD/AVL related equipment); and all Ranger 1 and Ranger 4.3 devices that operate on the 2G/3G network (55 devices total). Most of the equipment to be replaced is approximately 7-9 years old; with a few devices that are less than 5 years old. Our mobile service provider, Verizon, has notified us that they will no longer provide 2G/3G service and support effective July 2019, with a complete system decommission in December 2019. This equipment is used in daily fixed route (50+) and paratransit (5) service; replacing the equipment is essential to maintaining current service levels and to provide real-time bus location and arrival information to passengers.

Section 5310 funds:

- **Route Operating Service Extension, \$57,929 total cost**
Operating assistance for extension for evening service of four hours on 2A/2B to Northend Community Center. The Center houses over a dozen organizations that serve the community, such as the Shine On University, helping individuals with cognitive, physical disabilities and autism, and the Tippecanoe Senior Center.
- **Travel Training, \$65,048 total cost**
INDOT awarded GLPTC Section 5310 funds for the continuation of our travel training program. This program provides in-person training to senior citizens and people with disabilities to help them navigate and use GLPTC fixed route and ADA paratransit service.

- Paratransit Buses, \$166,575

Bus 443 (standard diesel) was procured in 2010 and will have surpassed FTA useful life and mileage by the time this grant is obligated. It has accrued 176,111 miles as of 12/31/18. No major non-preventative maintenance has occurred for this bus.

Bus 444 (CNG) was procured in 2015 and will have surpassed FTA useful life and mileage by the time this grant is obligated. It has accrued 116,510 miles as of 12/31/18. In 2019, the engine was replaced in-house costing \$6,034.

Summary:

Project	Federal Share	Local Share	Total Cost
Bus Replacement	440,000	110,000	550,000
Bus Equipment	75,241	18,810	94,051
Route Operating Service Extension	25,000	32,929	57,929
Travel Training	52,038	13,010	65,048
Paratransit Buses	133,260	33,315	166,575
Total	725,539	208,064	933,603

The CityBus Board of Directors authorized the amendment to the Transportation Improvement Program on May 22, 2019.

The Technical Transportation Committee reviewed the amendment at its May 15, 2019 meeting and recommended approval subject to the approval by the CityBus Board of Directors.

RECOMMENDATION:

Staff recommends approval of this amendment to the FY 2018-2021 TIP by adoption of the attached Resolution T 2019-08.

TIP Amendment # 48
June 13, 2019

Requested by APC

MEMORANDUM OF AGREEMENT

By and Between

THE AREA PLAN COMMISSION OF TIPPECANOE COUNTY in its Capacity as the
LAFAYETTE AREA MPO
and
THE GREATER LAFAYETTE PUBLIC TRANSPORTATION CORPORATION (CITYBUS)

This Memorandum of Agreement (MOA) is made by and between the Area Plan Commission of Tippecanoe County (herein after referred to as APCTC) and the Greater Lafayette Public Transportation Corporation (herein after referred to as CityBus).

WHEREAS, the APCTC is the designated MPO for the Lafayette Urbanized Area including Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and the County of Tippecanoe in Indiana; and

WHEREAS, CityBus is the designated recipient for Section 5307 funds in the Lafayette Urbanized Area; and

WHEREAS, the APCTC has unprogrammed FY 2019 STBG funds it cannot use for an LPA project prior to July 1, 2019; and

WHEREAS those funds can be transferred to CityBus for use in future fiscal years; and

WHEREAS the community needs sidewalk improvements, bus shelters, ADA facilities and other transit related infrastructure.

NOW, THEREFORE, the APCTC and CityBus mutually agree as follows:

1. APCTC will transfer \$290,266.00 to FTA for use by CityBus. CityBus will provide the required 20% match.
2. Projects will be selected by a working group of APCTC, Lafayette, West Lafayette and CityBus staff which must consider an equitable distribution of sites to be improved, the number of persons using each site, the condition of existing infrastructure and environmental justice factors.
3. CityBus will provide passenger boarding information for the sites under consideration for infrastructure improvements.
4. Any sidewalk or other infrastructure improvements will be limited to CityBus routes and bus stops.
5. Timing of the selected improvements by the working committee will be subject to available local funds required to match the Section 5307 funds.


In witness thereof, the undersigned officers of the APCTC Policy Board and the CityBus Board of Directors have executed this Memorandum of Agreement on the dates indicated.

Greater Lafayette Public Transportation Corporation


Michael L. Gibson, Chairman

Date 5/22/19

Area Plan Commission of Tippecanoe County/MPO Policy Board


Tony Roswarski, President
JOHN R. DENNIS, VICE PRESIDENT

Date 6.13.19

THE

Area Plan Commission

of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

June 13, 2019
Ref. No.: 2019-144

Larry Buckel, Transit Office Manager
INDOT Room N955-Transit
100 North Senate Avenue
Indianapolis, IN 46204-2249

Dear Larry:

By this letter I am administratively modifying the FY 2018-2021 TIP. This modification involves transferring \$290,266 in Fiscal Year 2019 STBG funds to CityBus. CityBus's Board of Directors approved the transfer on May 22, 2019 and the APC Policy Board approved it on June 13, 2019 through approval of a Memorandum of Agreement (attached). The funds will be used for sidewalk improvements, bus shelters, ADA facilities and other transit related infrastructure.

The STBG funds being used for the transfer are from the unobligated balances of the Cherry Lane Extension and Klondike Road projects. The attached spreadsheet shows the specific details.

Please contact me or Doug Poad if you have any questions or need additional information.

Sincerely,



Sallie Dell Fahey
Executive Director

attachments:

- 1) Memorandum of Agreement,
- 2) TIP Funding Changes Spreadsheet

cc: Stephani Vermillion
Justin Sergent
Susie Kemp
Carla Sheets
Marty Sennett

Planning for Lafayette, West Lafayette, Dayton, Battle Ground, Clarks Hill and Tippecanoe County

TIP ADMINISTRATIVE MODIFICATION, JUNE 13, 2019

Project	Dis Number	Year	Federal Funding	Phase	Before Federal Share	Changes	After Federal Share	After Local Share	After Total Cost	Notes
Queeny Loop Extension	1401290									
		2019	STBG	CN	1,834,950	290,256	1,544,694	386,174	1,930,868	This modification reduces the amount federal funds. The amount is the residual balance that has not been obligated.
Hamline Road	1173626									
		2019	STBG	CN	313,458	10	313,448	34,828	348,276	This modification reduces the amount federal funds. The amount is the residual balance that has not been obligated.
Sidewalks, Bus Shelters, ADA Facilities, Other Transit Infrastructure	1801609									
		2019	STBG	CN	0	290,266	290,266	32,252	322,518	These federal funds are the balance of FY 2019 STBG funds and were transferred to City&Es.